

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102725\
 Data File : VY023585.D
 Acq On : 27 Oct 2025 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 28 04:34:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	515413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	730664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	639546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	333946	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	206149	47.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.660%
35) Dibromofluoromethane	7.634	113	233124	51.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.109	98	852236	50.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.408	95	285676	51.753	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	167123	45.048	ug/l	98
3) Chloromethane	2.074	50	223012	44.127	ug/l	98
4) Vinyl Chloride	2.208	62	303976	46.179	ug/l	98
5) Bromomethane	2.598	94	248462	44.978	ug/l	100
6) Chloroethane	2.739	64	218610	48.721	ug/l	99
7) Trichlorofluoromethane	3.056	101	467493	51.149	ug/l	99
8) Diethyl Ether	3.458	74	120744	50.557	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	259135	54.638	ug/l	98
10) Methyl Iodide	4.007	142	305835	57.924	ug/l	99
11) Tert butyl alcohol	4.854	59	86478	269.708	ug/l	100
12) 1,1-Dichloroethene	3.793	96	241499	52.527	ug/l	99
13) Acrolein	3.653	56	26613	58.740	ug/l	95
14) Allyl chloride	4.391	41	286996	51.220	ug/l	97
15) Acrylonitrile	5.061	53	246190	269.361	ug/l	100
16) Acetone	3.866	43	290603	283.221	ug/l	97
17) Carbon Disulfide	4.110	76	633327	48.129	ug/l	100
18) Methyl Acetate	4.385	43	163000	60.559	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	597929	54.111	ug/l	96
20) Methylene Chloride	4.616	84	262887	47.381	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	273508	54.033	ug/l	97
22) Diisopropyl ether	6.018	45	674214	54.398	ug/l	98
23) Vinyl Acetate	5.964	43	1734721	258.580	ug/l	98
24) 1,1-Dichloroethane	5.915	63	442464	53.894	ug/l	100
25) 2-Butanone	6.896	43	333066	265.886	ug/l	100
26) 2,2-Dichloropropane	6.890	77	418737	55.584	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	323783	55.376	ug/l	97
28) Bromochloromethane	7.250	49	139790	45.610	ug/l	99
29) Tetrahydrofuran	7.262	42	186366	262.359	ug/l	98
30) Chloroform	7.421	83	502743	55.735	ug/l	97
31) Cyclohexane	7.707	56	355876	49.636	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	455150	55.525	ug/l	99
36) 1,1-Dichloropropene	7.835	75	338063	56.877	ug/l	100
37) Ethyl Acetate	6.988	43	124534	52.886	ug/l	98
38) Carbon Tetrachloride	7.817	117	416383	57.774	ug/l	100
39) Methylcyclohexane	9.109	83	437177	56.491	ug/l	98
40) Benzene	8.079	78	1066732	56.671	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	63373	49.761	ug/l	89
42) 1,2-Dichloroethane	8.158	62	267189	55.039	ug/l	99
43) Isopropyl Acetate	8.201	43	246759	52.553	ug/l	99
44) Trichloroethene	8.866	130	317556	57.639	ug/l	99
45) 1,2-Dichloropropane	9.140	63	234660	56.441	ug/l	98
46) Dibromomethane	9.231	93	149232	56.764	ug/l	99
47) Bromodichloromethane	9.426	83	380376	57.448	ug/l	99
48) Methyl methacrylate	9.219	41	120608	54.676	ug/l	96
49) 1,4-Dioxane	9.225	88	33318	1093.067	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	693430	285.838	ug/l	100
52) Toluene	10.170	92	714574	58.468	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	326502	56.711	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	384084	56.525	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	205670	58.176	ug/l	96
56) Ethyl methacrylate	10.438	69	235051	57.638	ug/l	98
57) 1,3-Dichloropropane	10.719	76	319002	56.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	488651	267.481	ug/l	100
59) 2-Hexanone	10.762	43	501068	289.017	ug/l	99
60) Dibromochloromethane	10.914	129	284770	57.453	ug/l	100
61) 1,2-Dibromoethane	11.018	107	192658	57.141	ug/l	100
64) Tetrachloroethene	10.646	164	392401	59.423	ug/l	98
65) Chlorobenzene	11.444	112	794901	57.147	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	287579	58.017	ug/l	99
67) Ethyl Benzene	11.517	91	1328243	58.992	ug/l	100
68) m/p-Xylenes	11.627	106	1062203	117.617	ug/l	98
69) o-Xylene	11.956	106	504058	59.505	ug/l	99
70) Styrene	11.969	104	829248	59.530	ug/l	100
71) Bromoform	12.133	173	178286	57.985	ug/l #	99
73) Isopropylbenzene	12.255	105	1321102	60.030	ug/l	100
74) N-amyl acetate	12.072	43	210224	53.183	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	201683	56.031	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	276315	93.784	ug/l #	100
77) Bromobenzene	12.529	156	334432	57.161	ug/l	100
78) n-propylbenzene	12.597	91	1543490	60.607	ug/l	100
79) 2-Chlorotoluene	12.682	91	871548	58.440	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1066337	59.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	68757	57.226	ug/l	99
82) 4-Chlorotoluene	12.779	91	898808	58.520	ug/l	99
83) tert-Butylbenzene	12.999	119	990494	60.323	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1070654	60.325	ug/l	99
85) sec-Butylbenzene	13.176	105	1431373	60.770	ug/l	100
86) p-Isopropyltoluene	13.292	119	1221223	60.896	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	654869	57.479	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	633908	56.336	ug/l	99
89) n-Butylbenzene	13.615	91	1066244	61.019	ug/l	100
90) Hexachloroethane	13.877	117	247243	57.321	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	571194	57.184	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31912	54.033	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	356700	57.281	ug/l	100
94) Hexachlorobutadiene	15.023	225	230157	59.292	ug/l	99
95) Naphthalene	15.145	128	566665	57.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	309519	57.384	ug/l	99

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

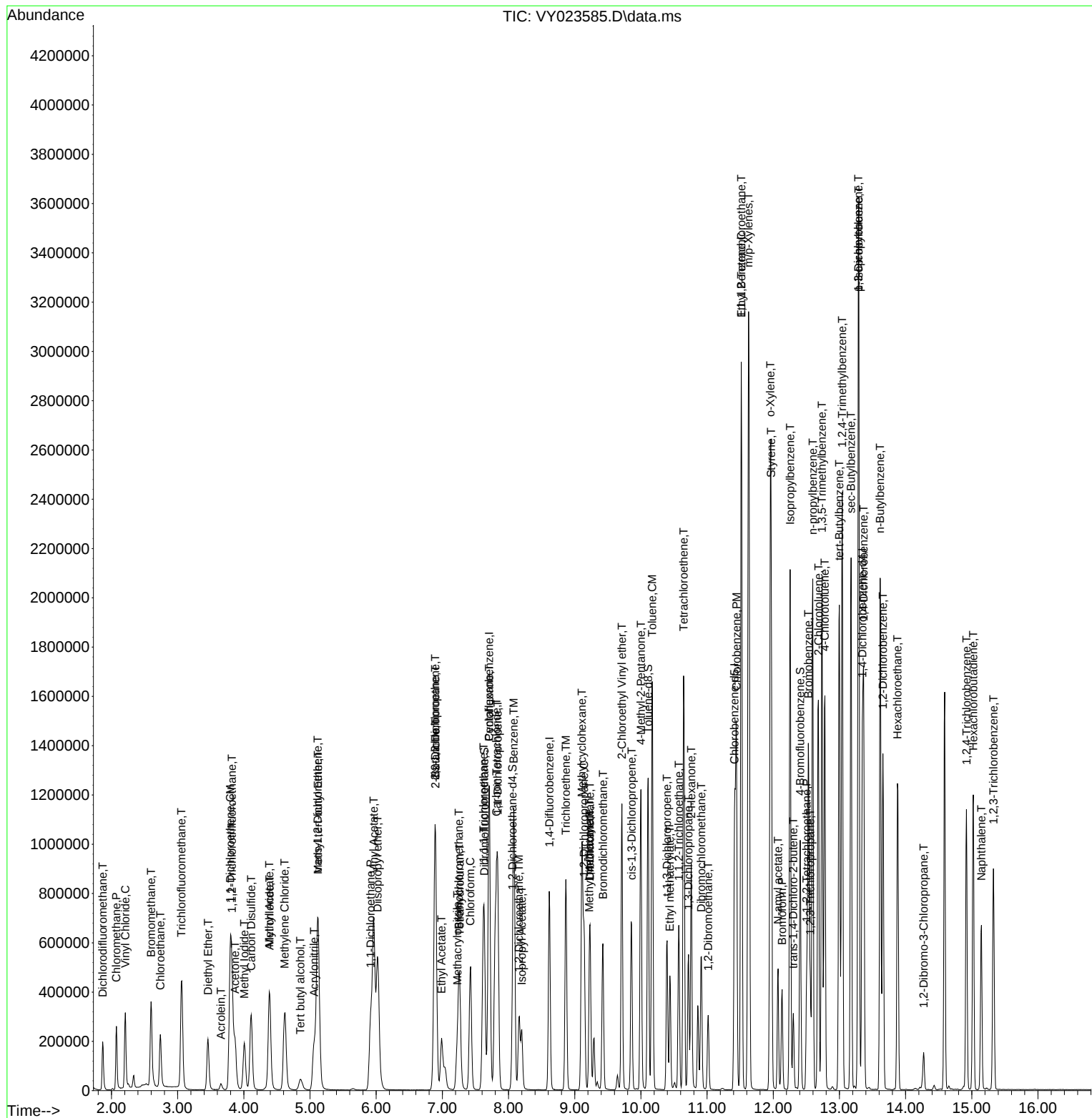
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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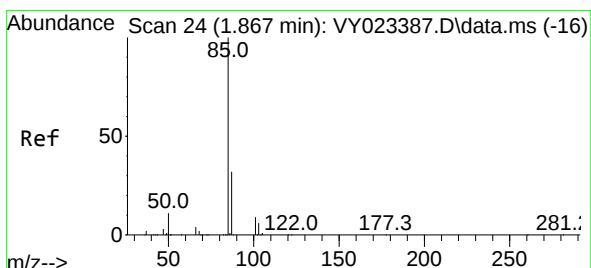
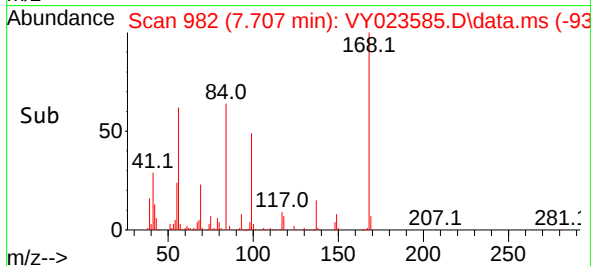
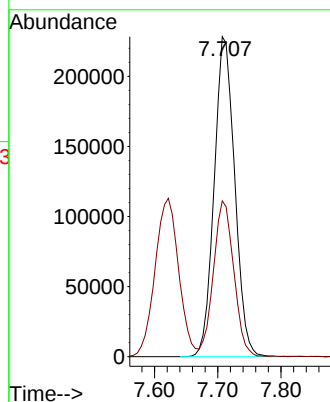
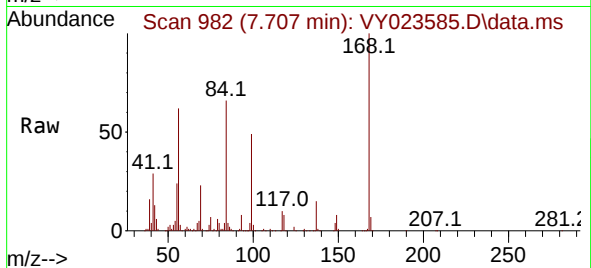




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY023585.D
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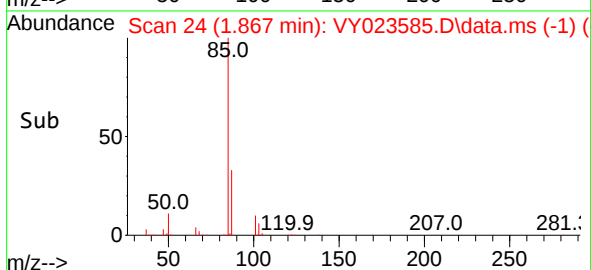
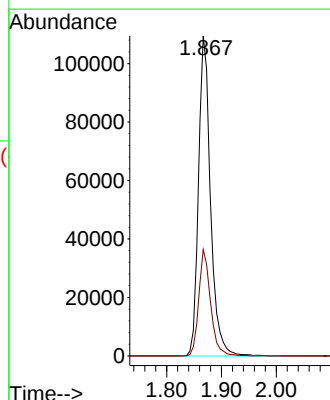
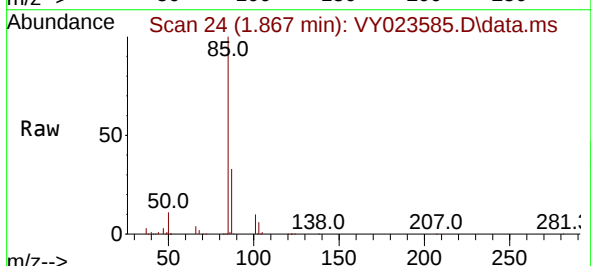
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 515413
Ion Ratio Lower Upper
168 100
99 48.7 39.7 59.5



#2
Dichlorodifluoromethane
Concen: 45.048 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 85 Resp: 167123
Ion Ratio Lower Upper
85 100
87 33.2 16.0 47.9

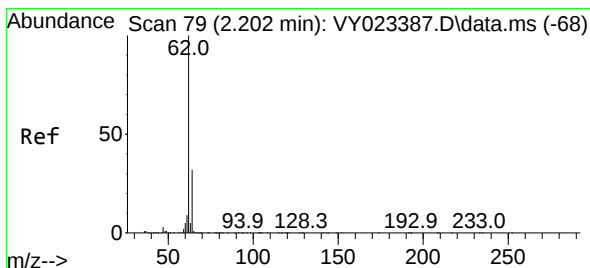
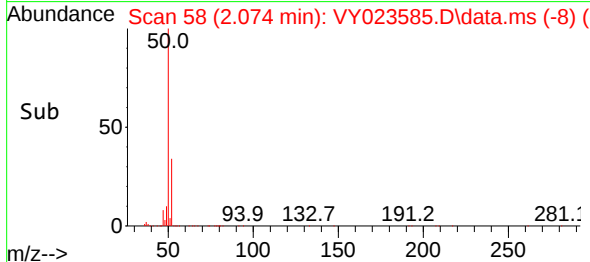
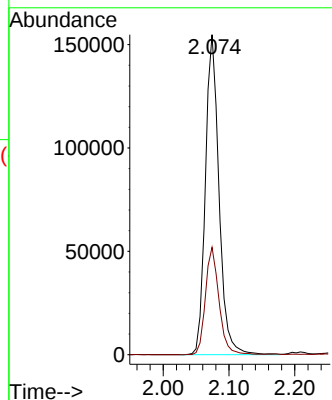
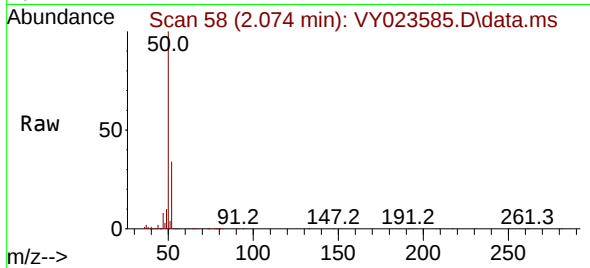




#3
Chloromethane
Concen: 44.127 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

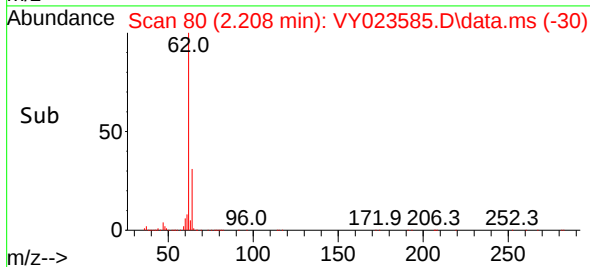
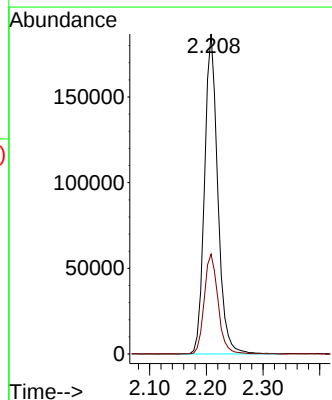
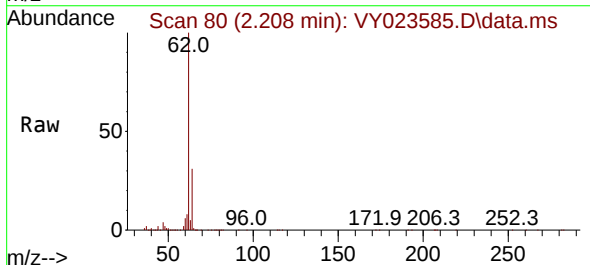
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 223012
Ion Ratio Lower Upper
50 100
52 33.5 26.2 39.2



#4
Vinyl Chloride
Concen: 46.179 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 62 Resp: 303976
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.8

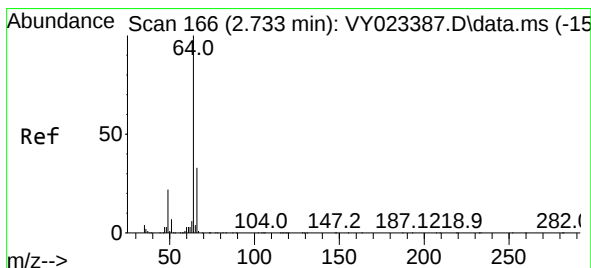
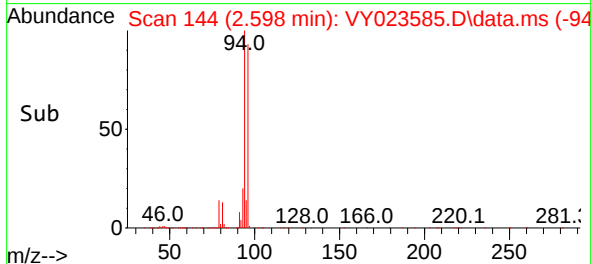
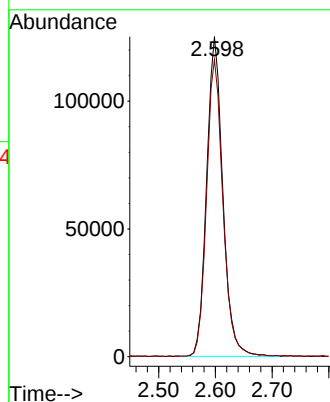
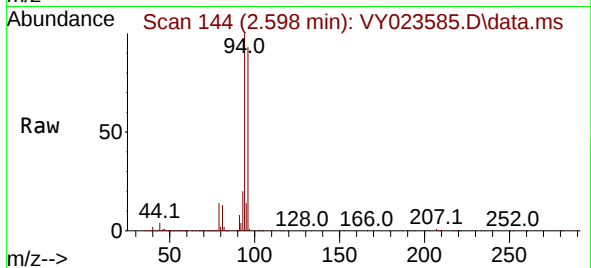




#5
Bromomethane
Concen: 44.978 ug/l
RT: 2.598 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

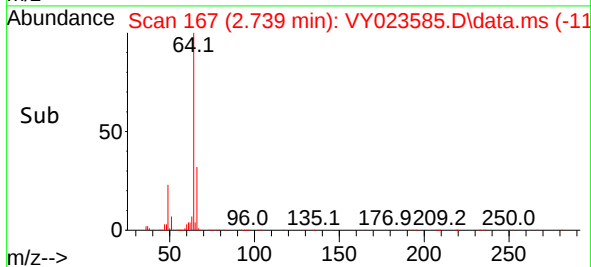
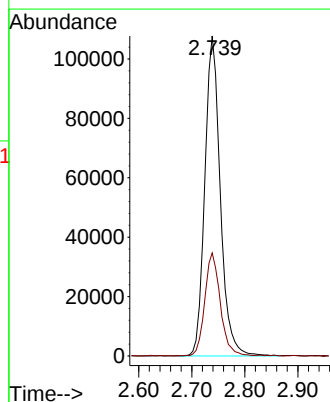
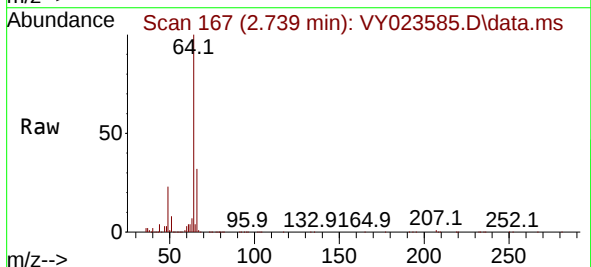
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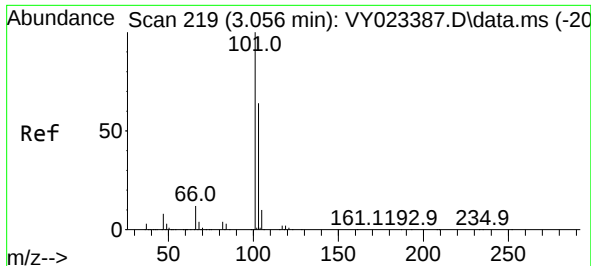
Tgt Ion: 94 Resp: 248462
Ion Ratio Lower Upper
94 100
96 92.7 74.5 111.7



#6
Chloroethane
Concen: 48.721 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 64 Resp: 218610
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.4

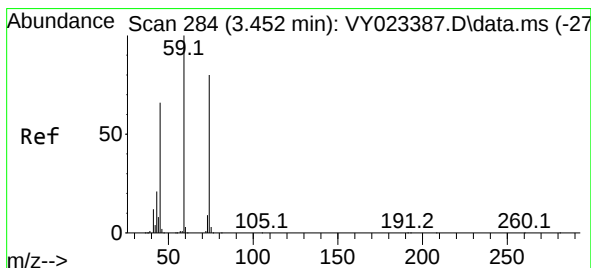
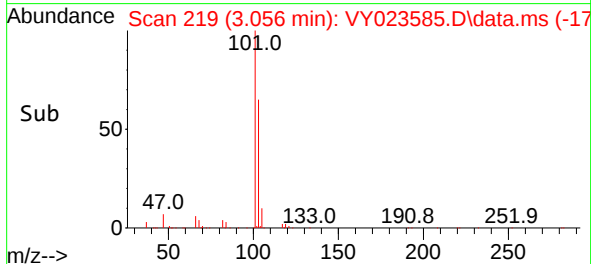
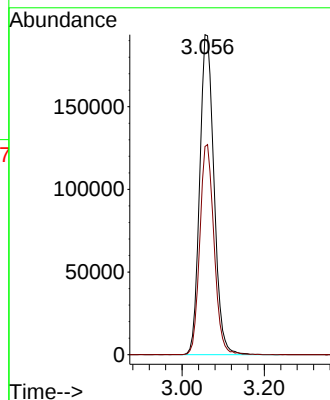
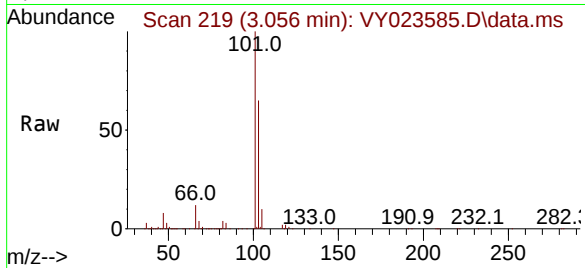




#7
Trichlorofluoromethane
Concen: 51.149 ug/l
RT: 3.056 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

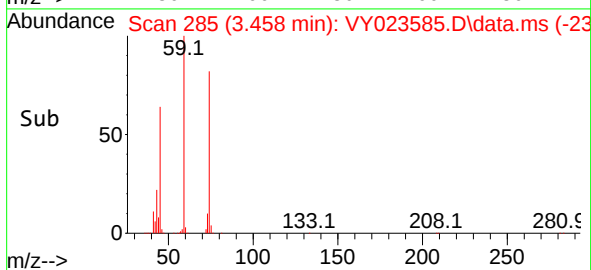
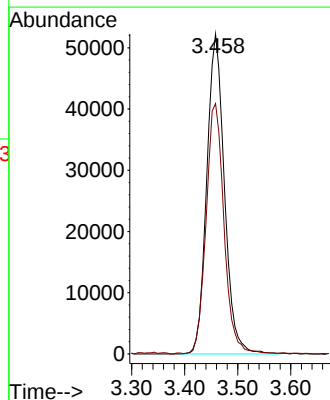
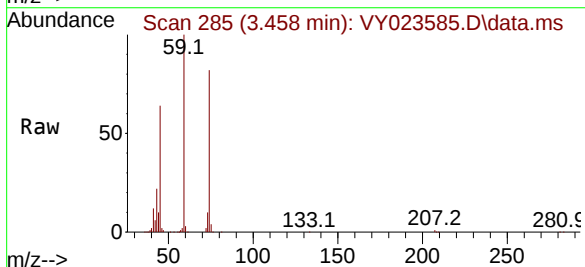
Instrument :
MSVOA_Y
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VSTDCCC050

Tgt Ion:101 Resp: 467493
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9



#8
Diethyl Ether
Concen: 50.557 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 74 Resp: 120744
Ion Ratio Lower Upper
74 100
45 79.1 39.9 119.7

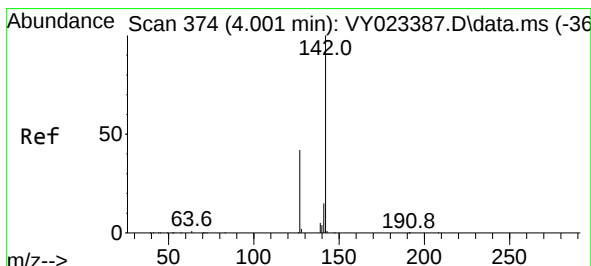
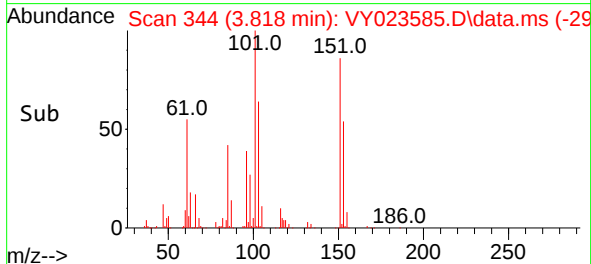
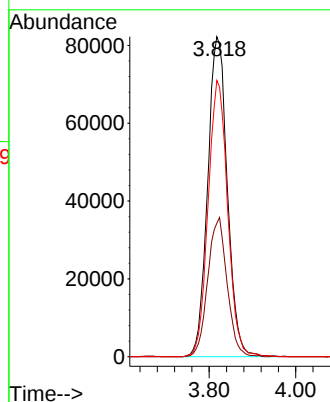
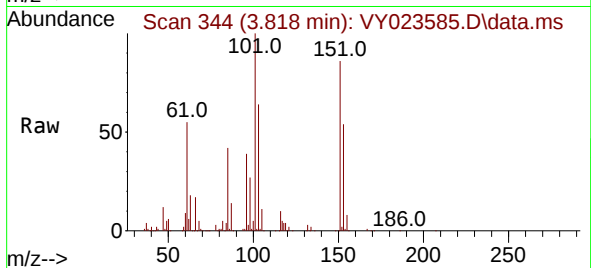




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.638 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023585.D
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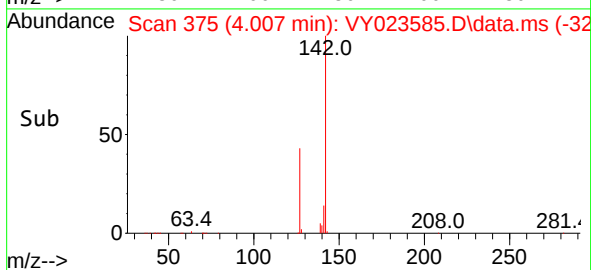
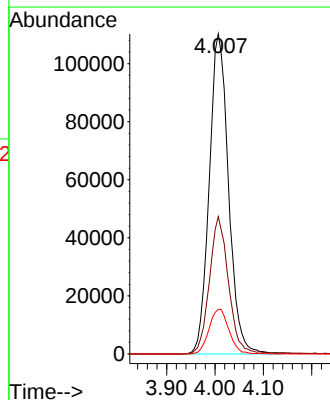
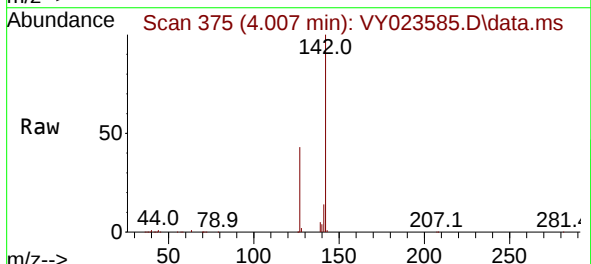
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ClientSampleId :
VSTDCCC050

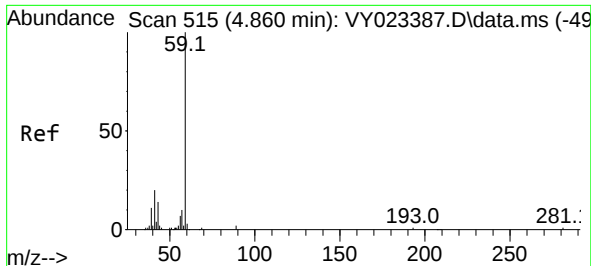
Tgt Ion:101 Resp: 259135
Ion Ratio Lower Upper
101 100
85 42.8 34.6 51.8
151 85.8 67.0 100.6



#10
Methyl Iodide
Concen: 57.924 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion:142 Resp: 305835
Ion Ratio Lower Upper
142 100
127 42.4 34.8 52.2
141 14.4 11.6 17.4

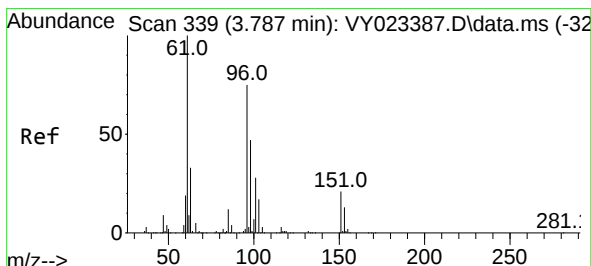
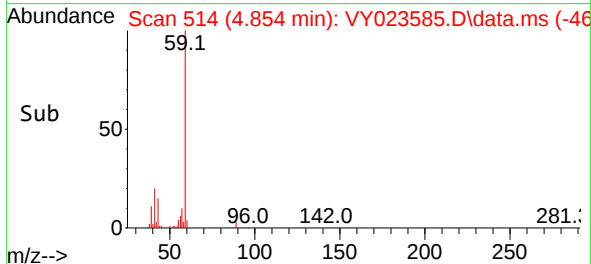
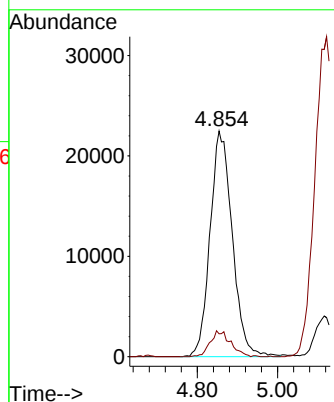
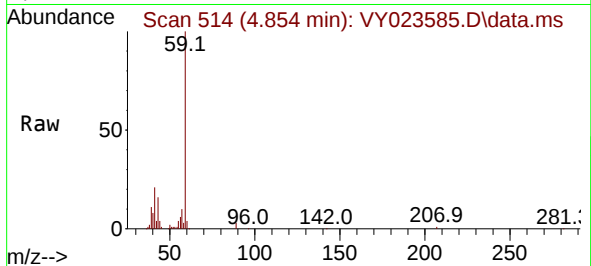




#11
Tert butyl alcohol
Concen: 269.708 ug/l
RT: 4.854 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

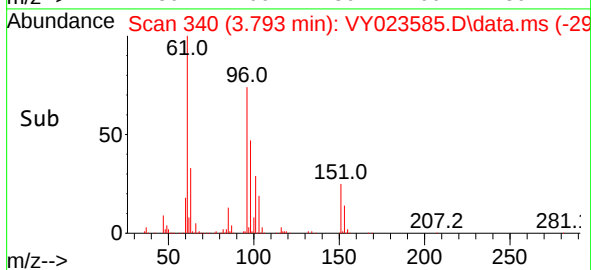
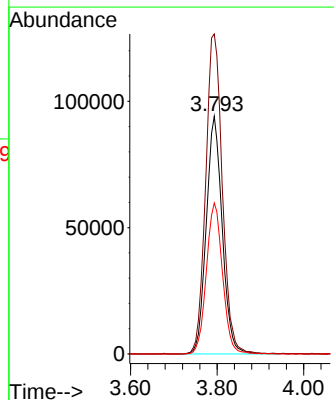
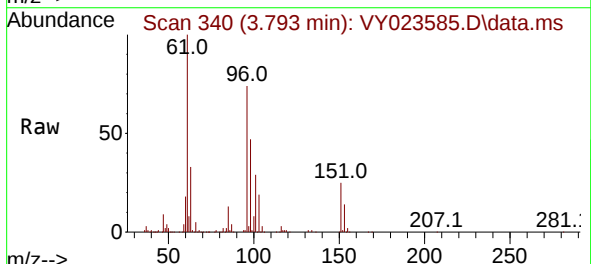
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

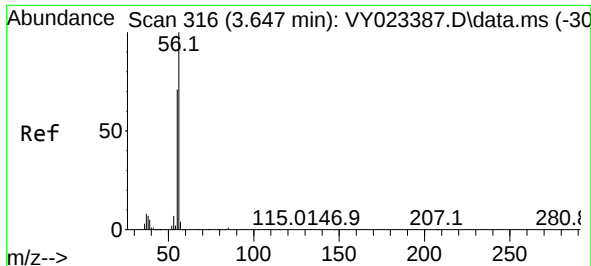
Tgt Ion: 59 Resp: 86478
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.527 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 96 Resp: 241499
Ion Ratio Lower Upper
96 100
61 134.6 106.7 160.1
98 63.6 50.2 75.4

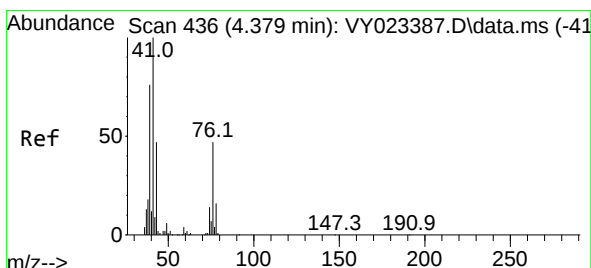
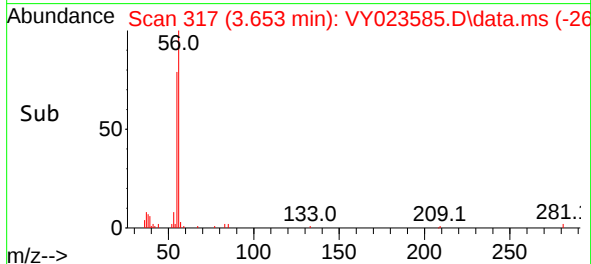
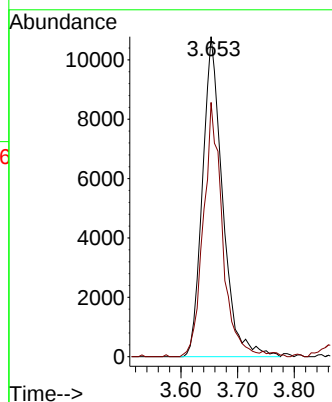
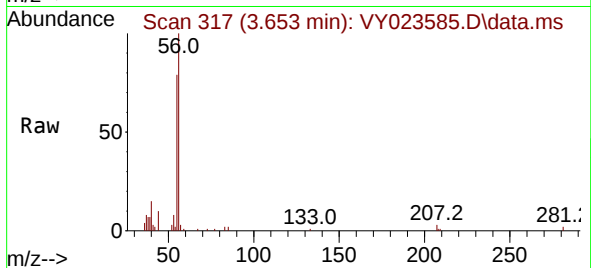




#13
Acrolein
Concen: 58.740 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

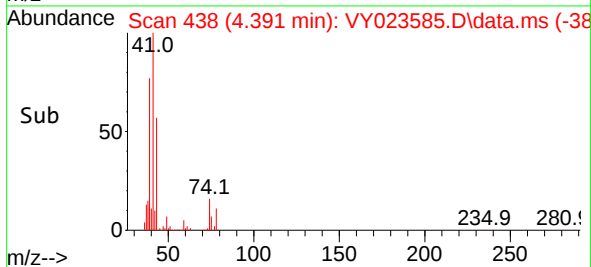
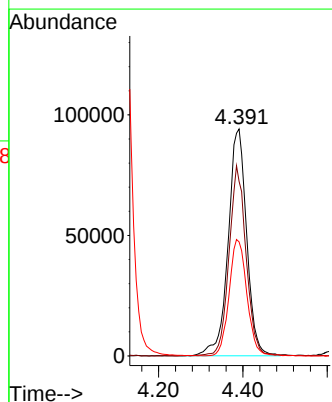
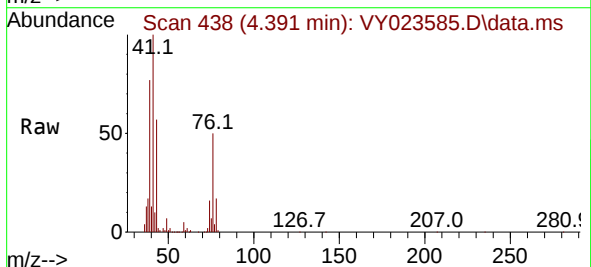
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

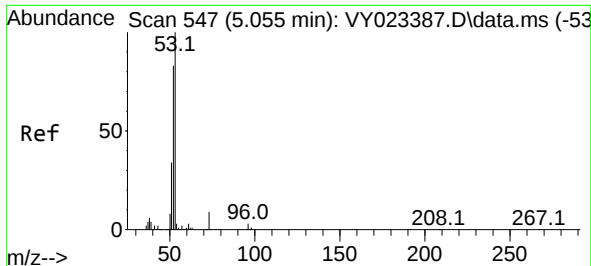
Tgt Ion: 56 Resp: 26613
Ion Ratio Lower Upper
56 100
55 74.5 56.1 84.1



#14
Allyl chloride
Concen: 51.220 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 41 Resp: 286996
Ion Ratio Lower Upper
41 100
39 77.5 59.9 89.9
76 49.1 38.0 57.0

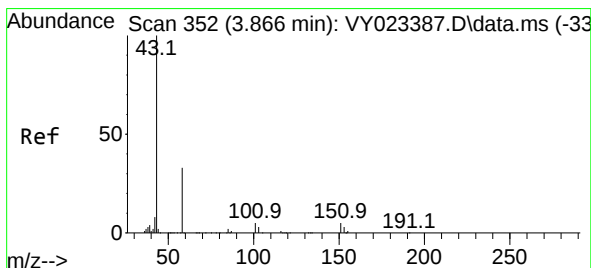
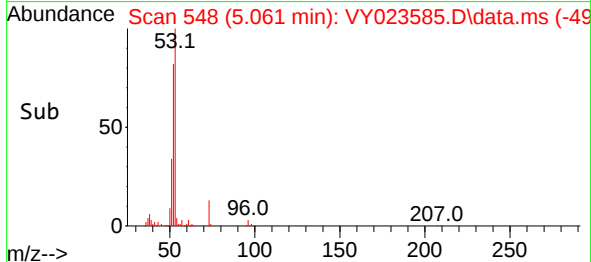
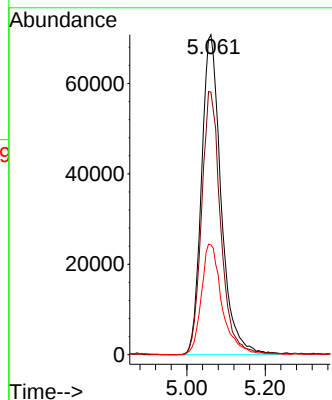
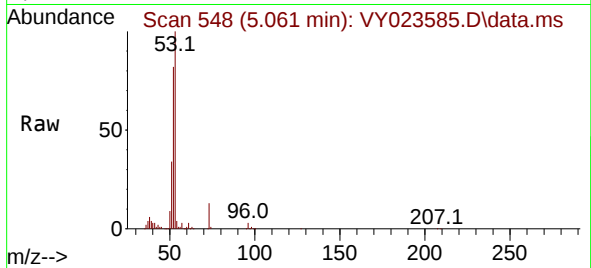




#15
Acrylonitrile
Concen: 269.361 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

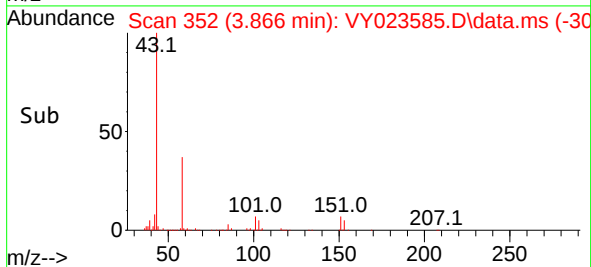
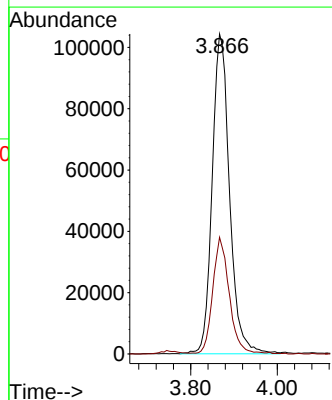
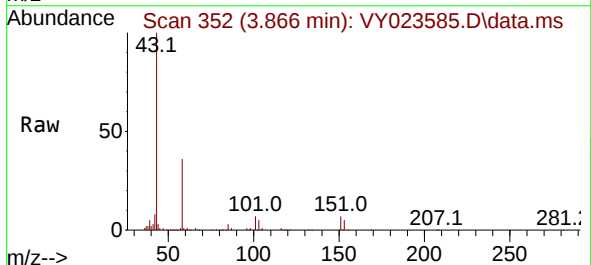
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

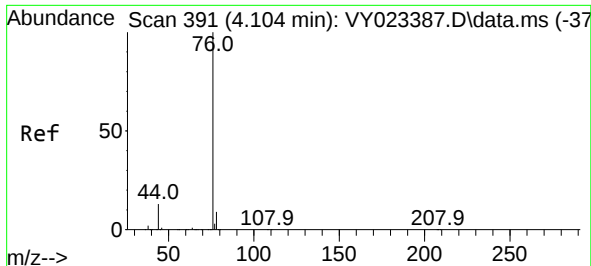
Tgt Ion: 53 Resp: 246190
Ion Ratio Lower Upper
53 100
52 80.3 64.6 97.0
51 36.7 29.5 44.3



#16
Acetone
Concen: 283.221 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 43 Resp: 290603
Ion Ratio Lower Upper
43 100
58 36.3 27.7 41.5

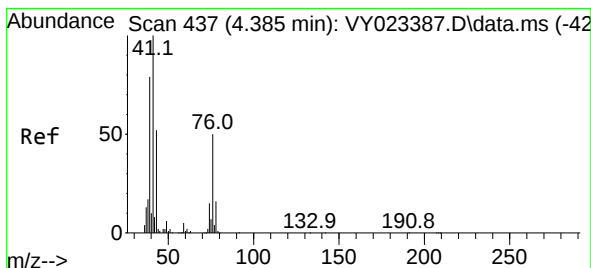
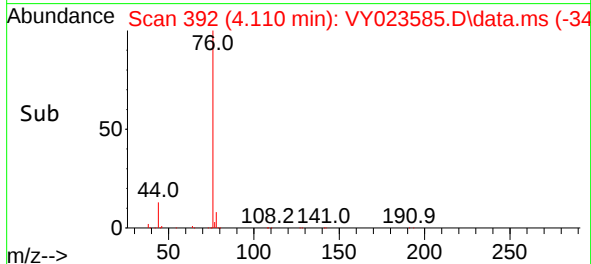
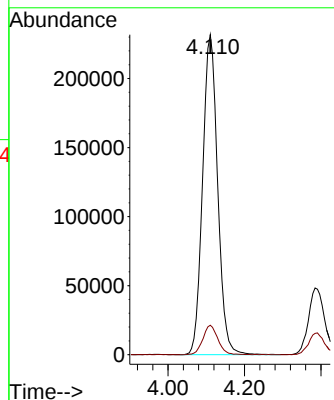
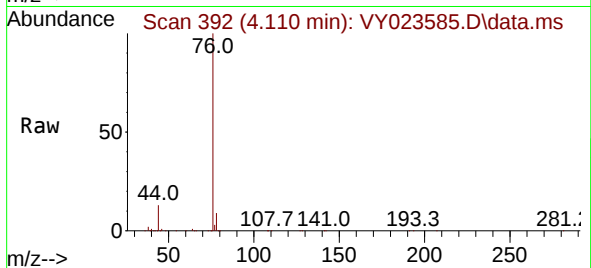




#17
Carbon Disulfide
Concen: 48.129 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

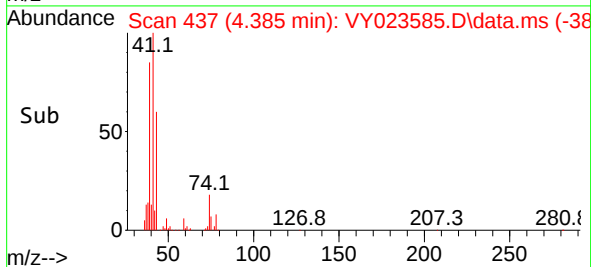
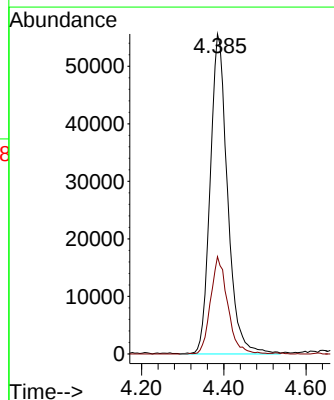
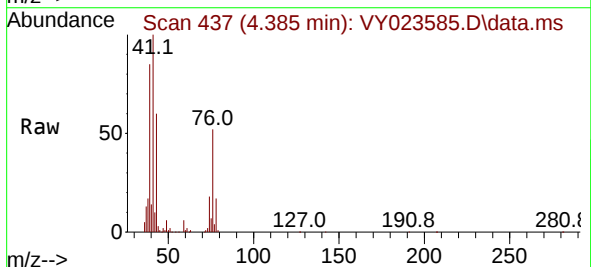
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

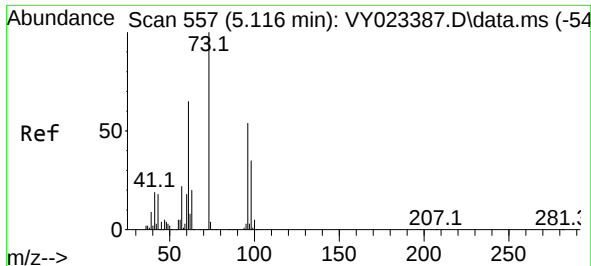
Tgt Ion: 76 Resp: 633327
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 60.559 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 43 Resp: 163000
Ion Ratio Lower Upper
43 100
74 29.9 24.2 36.4

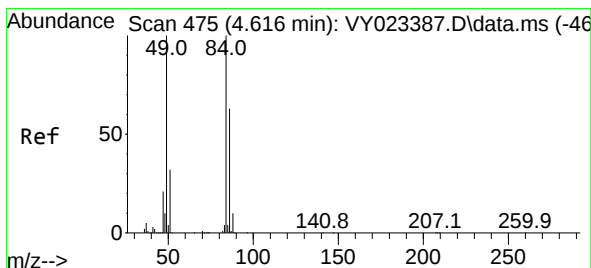
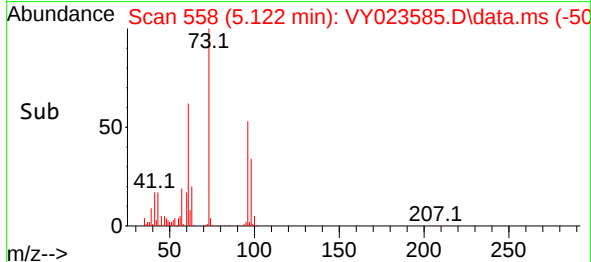
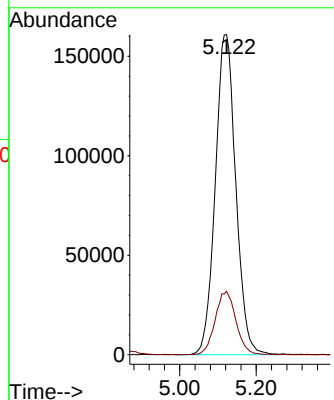
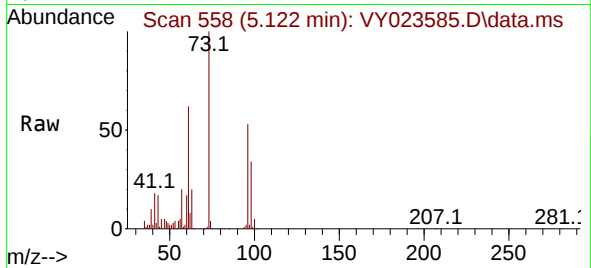




#19
Methyl tert-butyl Ether
Concen: 54.111 ug/l
RT: 5.122 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

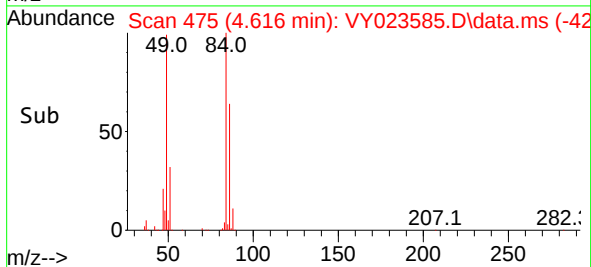
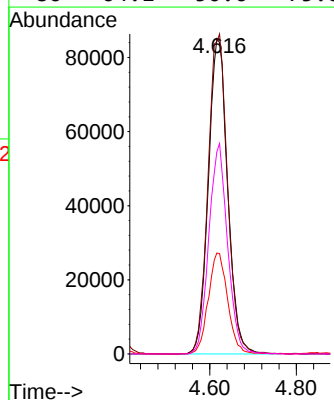
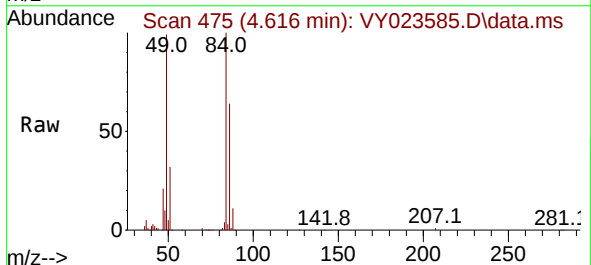
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

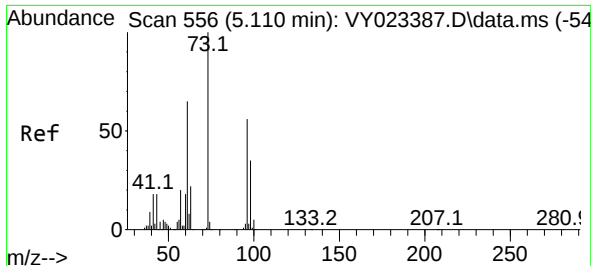
Tgt Ion: 73 Resp: 597929
Ion Ratio Lower Upper
73 100
57 19.8 17.4 26.0



#20
Methylene Chloride
Concen: 47.381 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 84 Resp: 262887
Ion Ratio Lower Upper
84 100
49 99.0 80.2 120.4
51 32.0 25.9 38.9
86 64.1 50.6 75.8

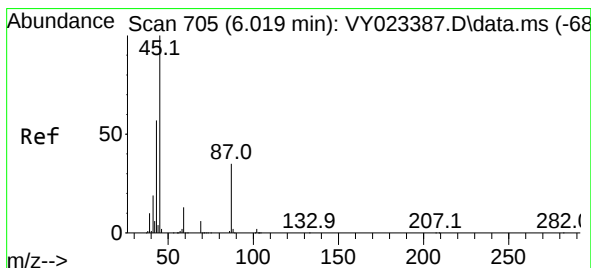
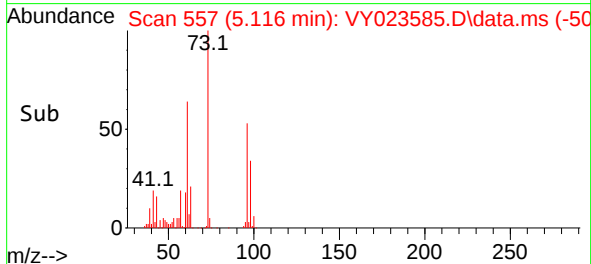
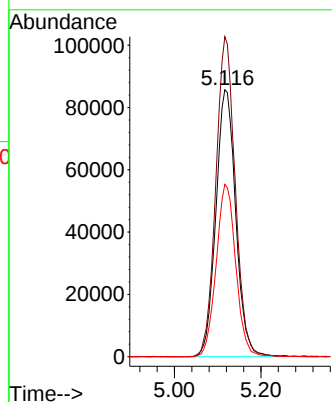
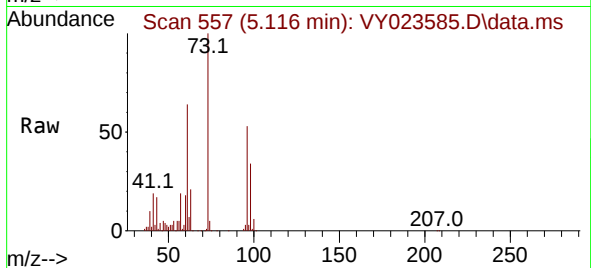




#21
trans-1,2-Dichloroethene
Concen: 54.033 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

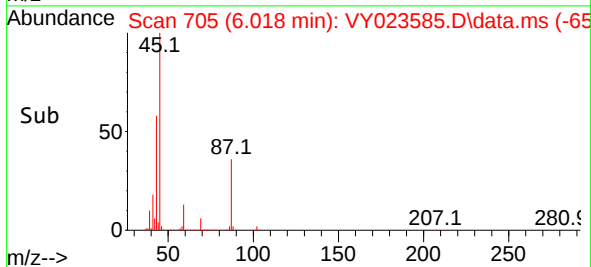
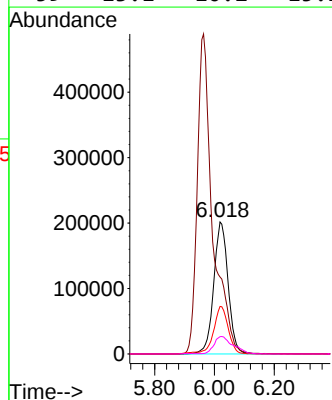
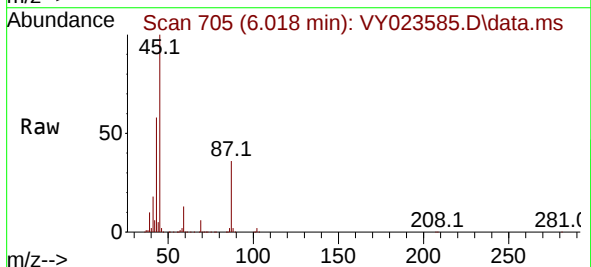
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

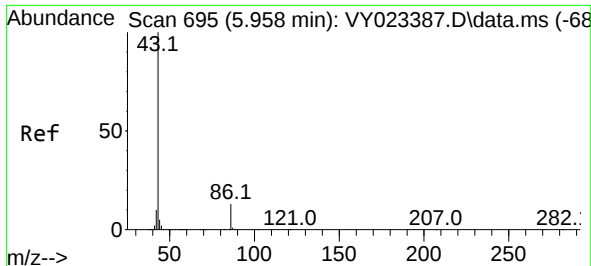
Tgt Ion: 96 Resp: 273508
Ion Ratio Lower Upper
96 100
61 119.9 92.7 139.1
98 64.5 49.7 74.5



#22
Diisopropyl ether
Concen: 54.398 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 45 Resp: 674214
Ion Ratio Lower Upper
45 100
43 58.3 45.6 68.4
87 36.0 28.1 42.1
59 13.1 10.2 15.2

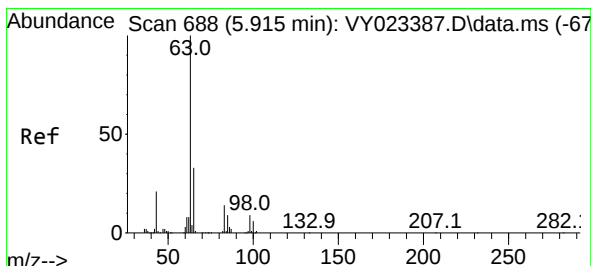
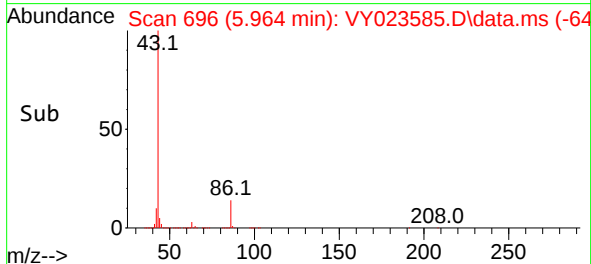
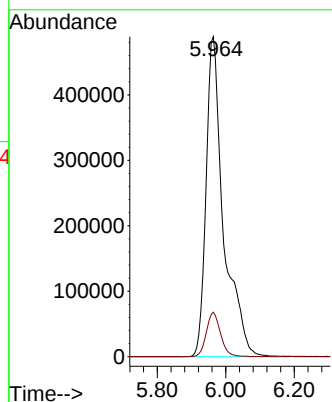
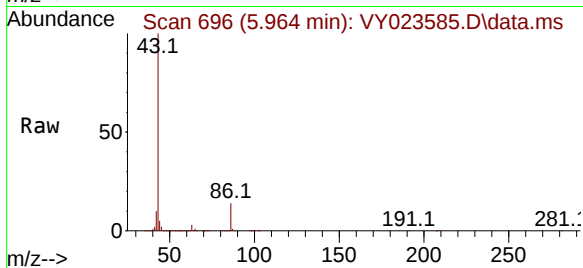




#23
 Vinyl Acetate
 Concen: 258.580 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY023585.D
 Acq: 27 Oct 2025 09:12

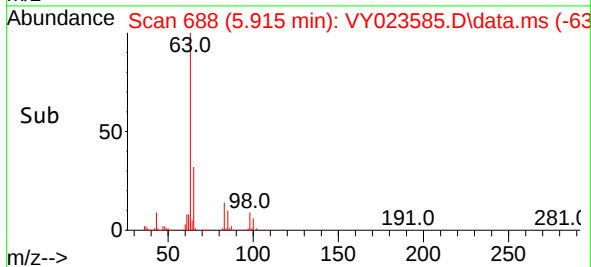
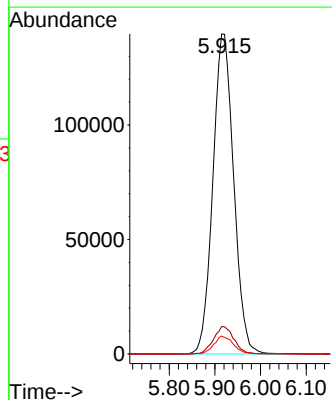
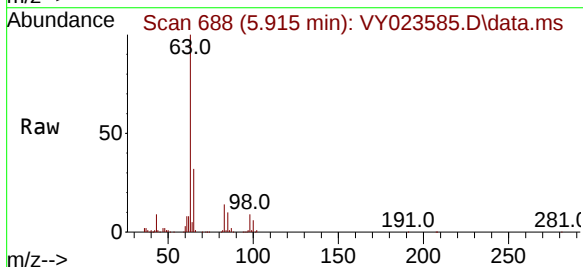
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1734721
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.6 15.8



#24
 1,1-Dichloroethane
 Concen: 53.894 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023585.D
 Acq: 27 Oct 2025 09:12

Tgt Ion: 63 Resp: 442464
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.3 13.1
 100 5.6 2.8 8.4

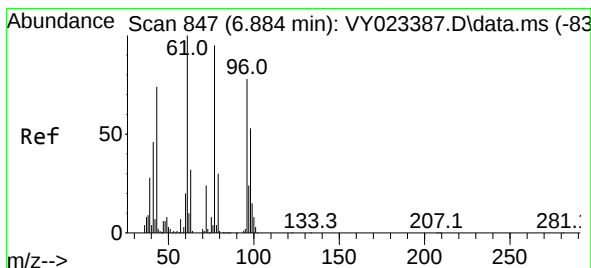
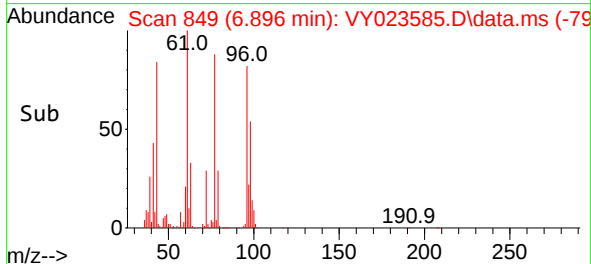
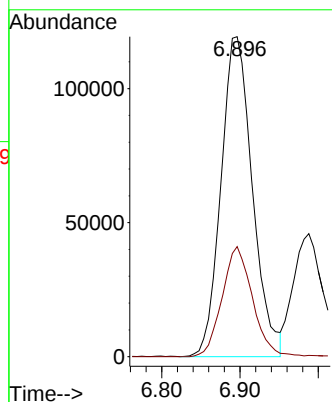
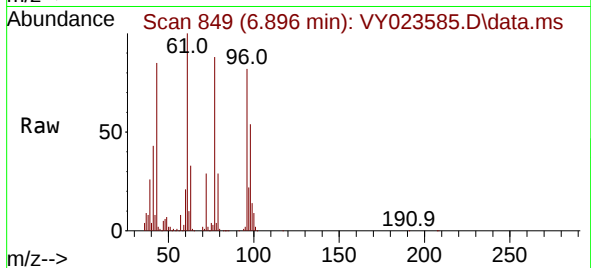




#25
2-Butanone
Concen: 265.886 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

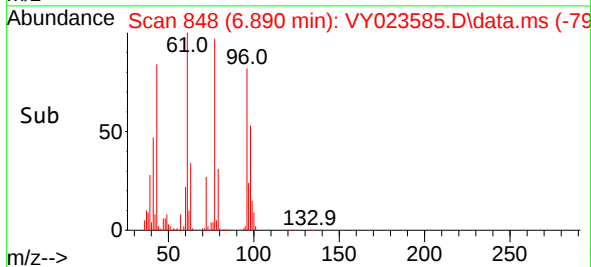
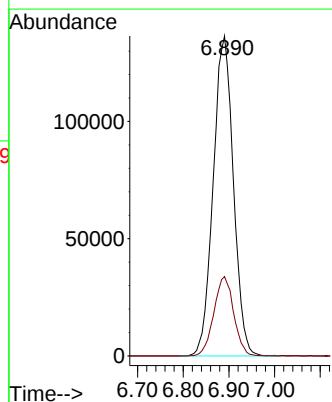
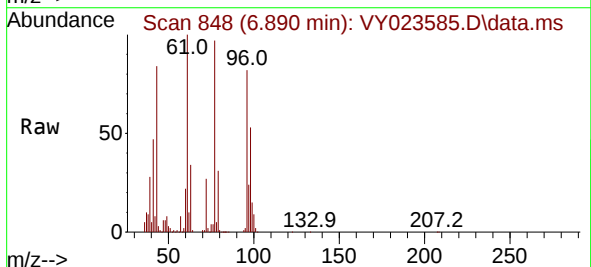
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 333066
Ion Ratio Lower Upper
43 100
72 34.4 27.4 41.2



#26
2,2-Dichloropropane
Concen: 55.584 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 77 Resp: 418737
Ion Ratio Lower Upper
77 100
97 24.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 55.376 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

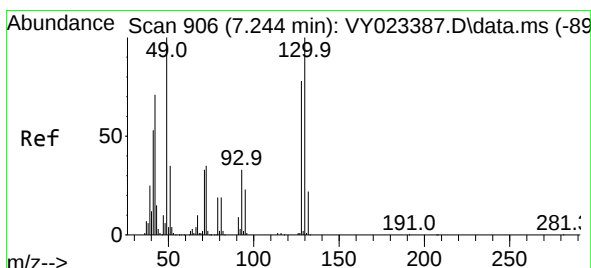
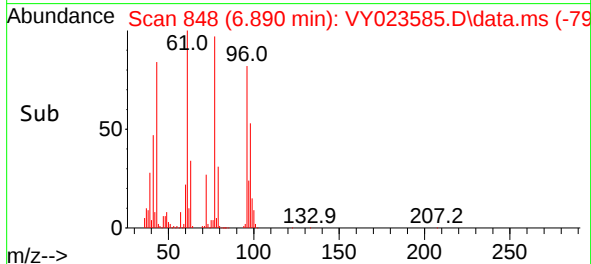
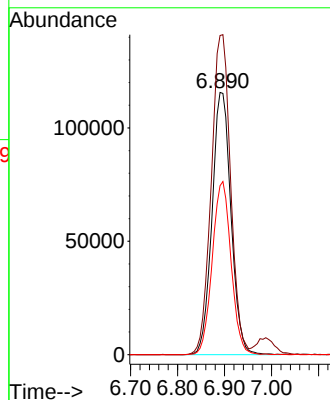
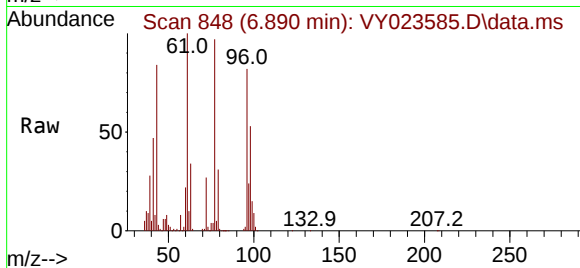
Tgt Ion: 96 Resp: 323783

Ion Ratio Lower Upper

96 100

61 124.6 0.0 258.2

98 65.5 0.0 132.0



#28

Bromochloromethane

Concen: 45.610 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

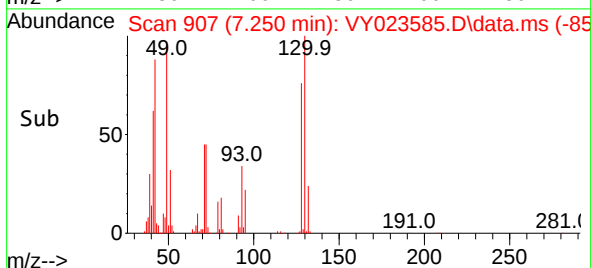
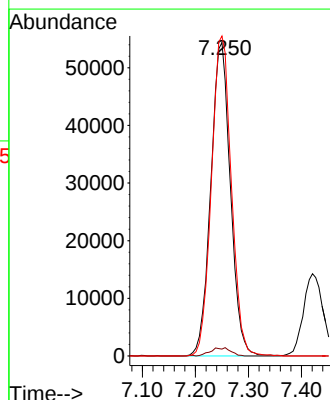
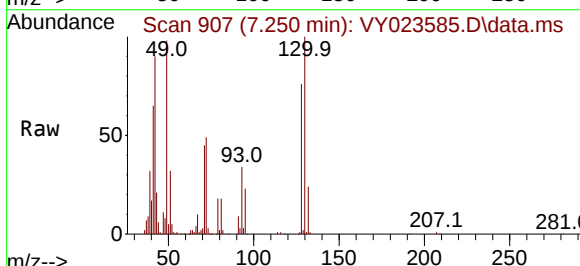
Tgt Ion: 49 Resp: 139790

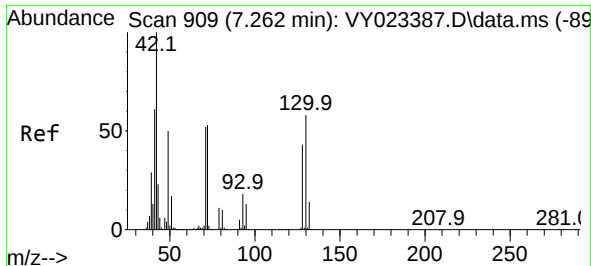
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.6

130 103.3 81.9 122.9





#29

Tetrahydrofuran

Concen: 262.359 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

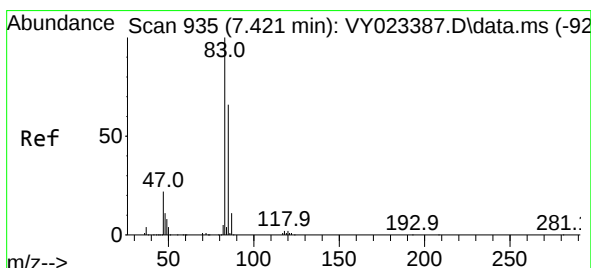
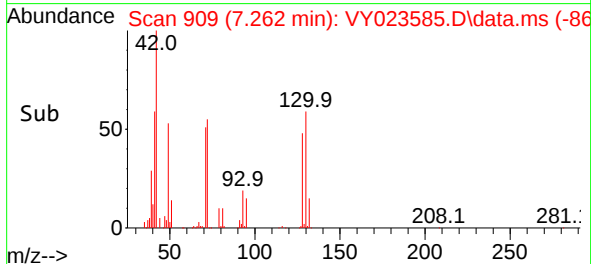
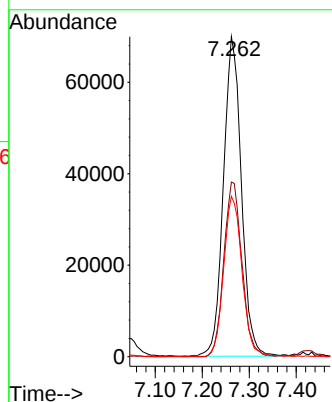
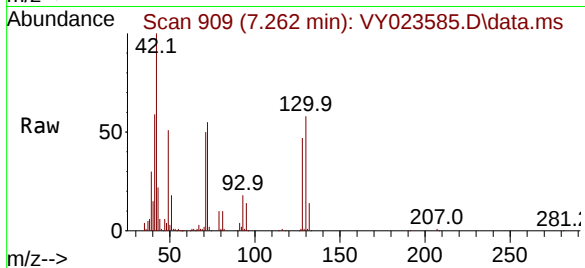
Tgt Ion: 42 Resp: 186366

Ion Ratio Lower Upper

42 100

72 55.1 43.0 64.6

71 51.0 40.1 60.1



#30

Chloroform

Concen: 55.735 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY023585.D

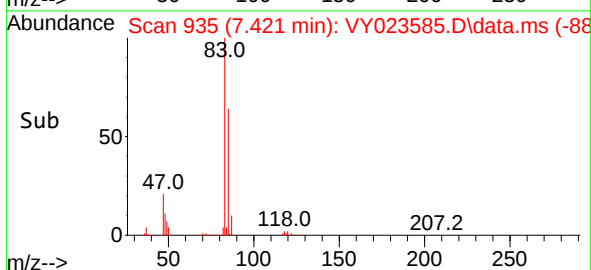
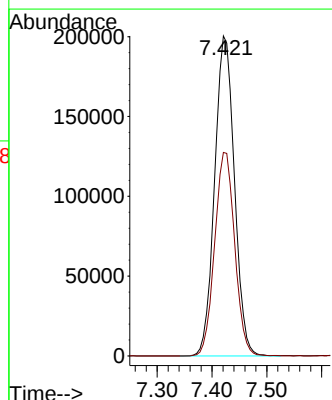
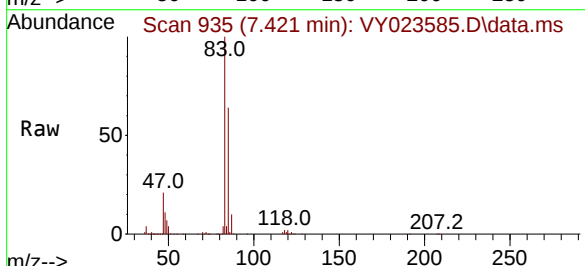
Acq: 27 Oct 2025 09:12

Tgt Ion: 83 Resp: 502743

Ion Ratio Lower Upper

83 100

85 63.6 52.5 78.7

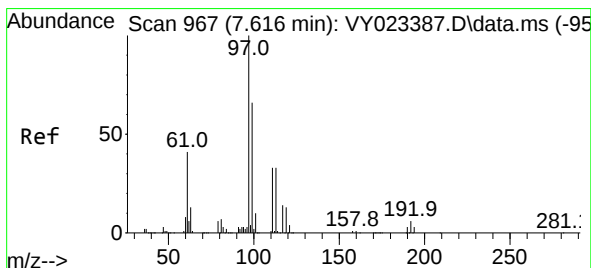
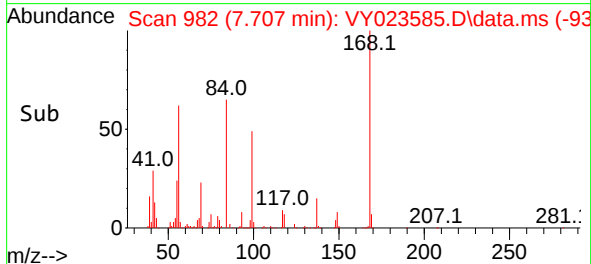
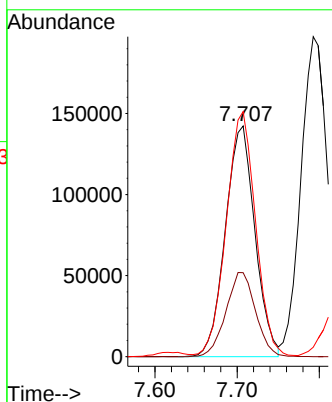
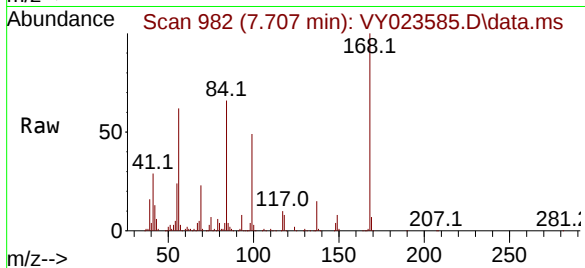




#31
Cyclohexane
Concen: 49.636 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

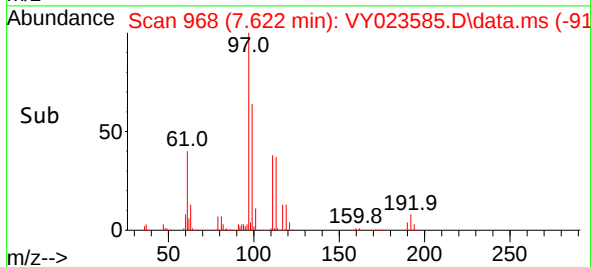
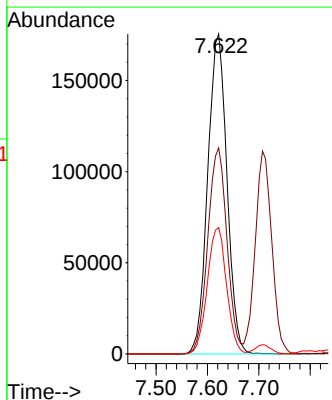
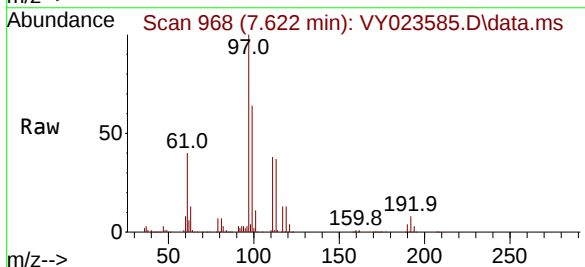
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

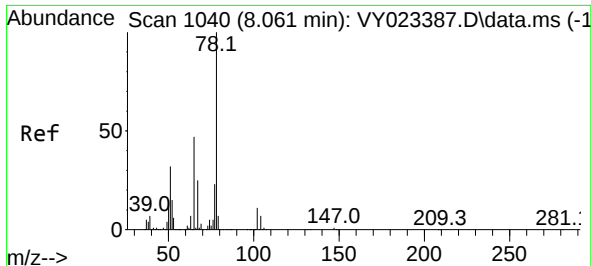
Tgt Ion: 56 Resp: 355876
Ion Ratio Lower Upper
56 100
69 36.4 30.0 45.0
84 104.4 81.2 121.8



#32
1,1,1-Trichloroethane
Concen: 55.525 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 97 Resp: 455150
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 39.7 31.9 47.9





#33

1,2-Dichloroethane-d4

Concen: 47.831 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

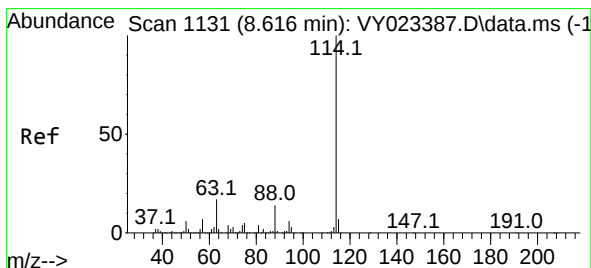
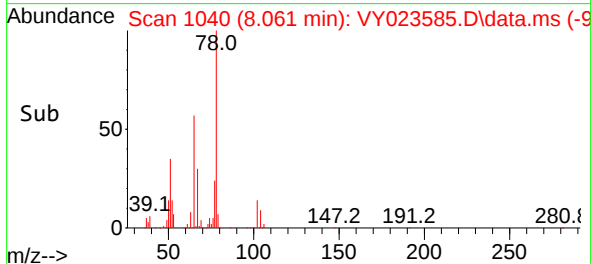
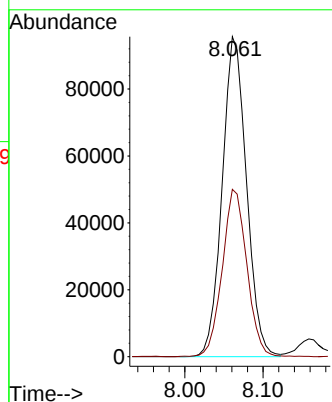
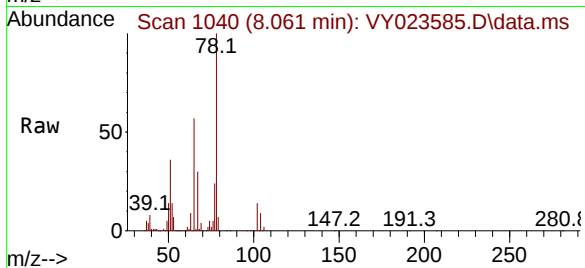
VSTDCCC050

Tgt Ion: 65 Resp: 206149

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

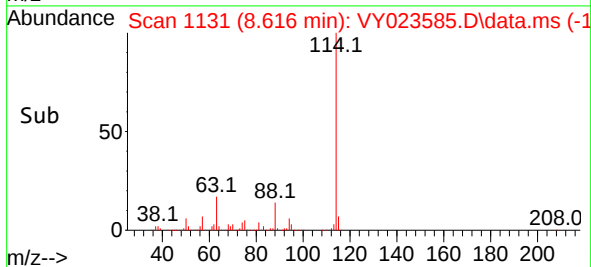
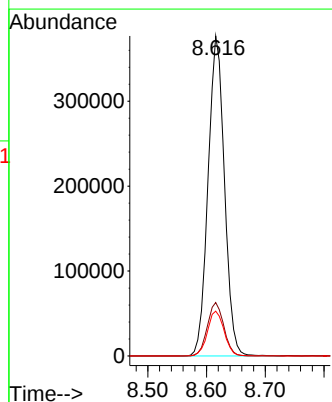
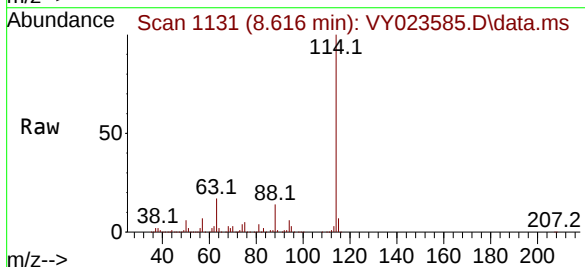
Tgt Ion: 114 Resp: 730664

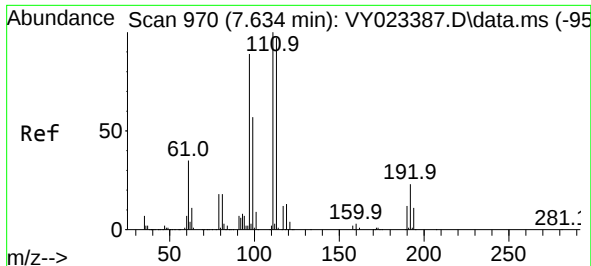
Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.2

88 14.0 0.0 28.4

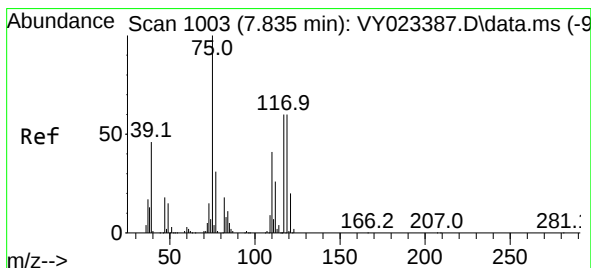
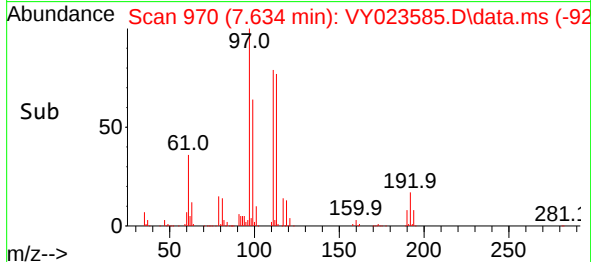
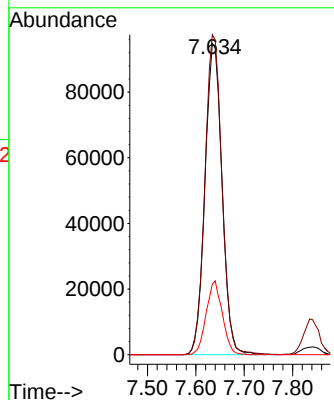
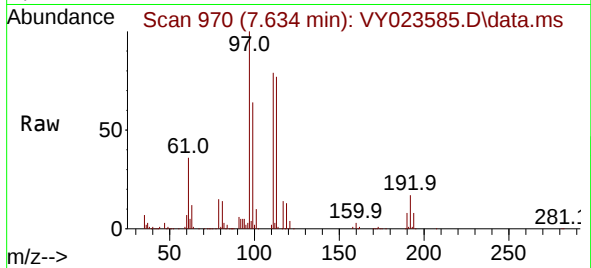




#35
Dibromofluoromethane
Concen: 51.926 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

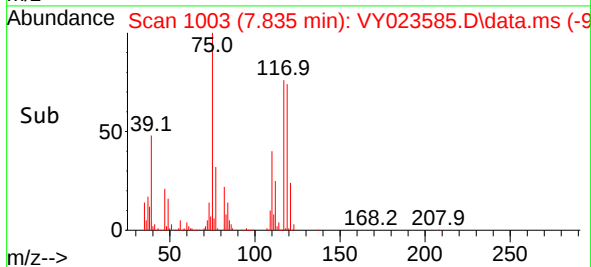
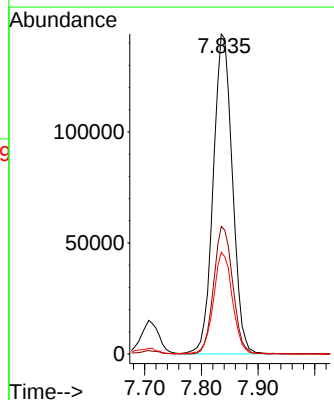
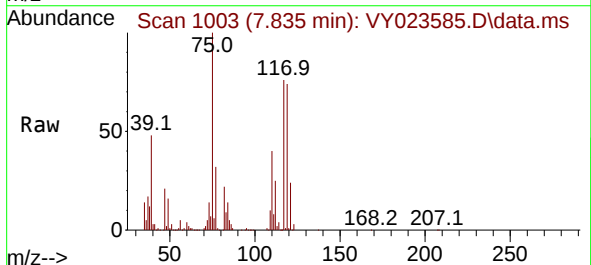
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

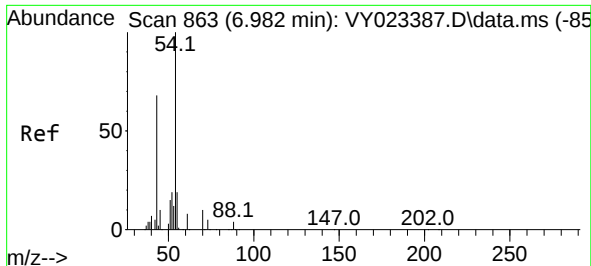
Tgt Ion:113 Resp: 233124
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.4 18.0 27.0



#36
1,1-Dichloropropene
Concen: 56.877 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 75 Resp: 338063
Ion Ratio Lower Upper
75 100
110 39.6 19.9 59.7
77 31.4 25.0 37.6





#37

Ethyl Acetate

Concen: 52.886 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

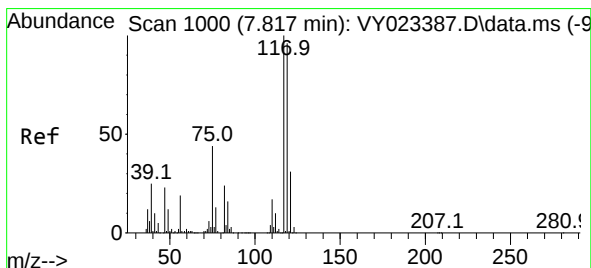
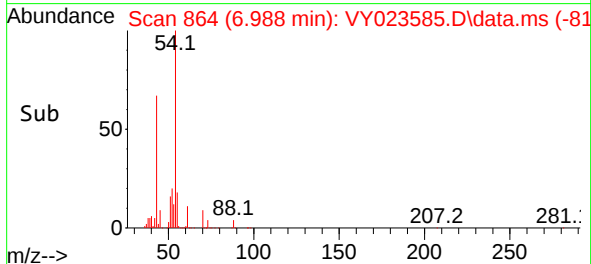
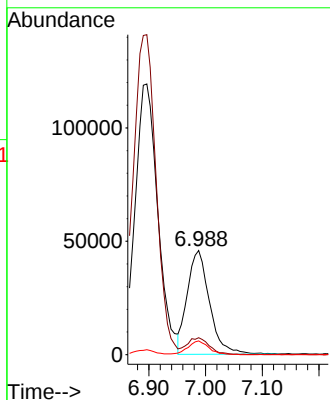
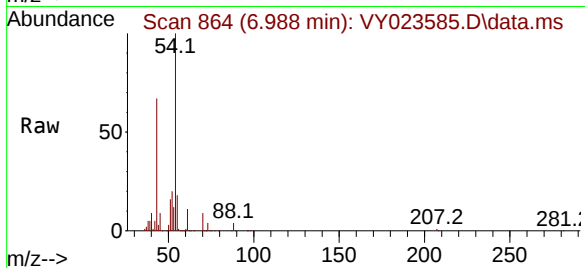
Tgt Ion: 43 Resp: 124534

Ion Ratio Lower Upper

43 100

61 15.7 11.8 17.8

70 12.6 10.5 15.7



#38

Carbon Tetrachloride

Concen: 57.774 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

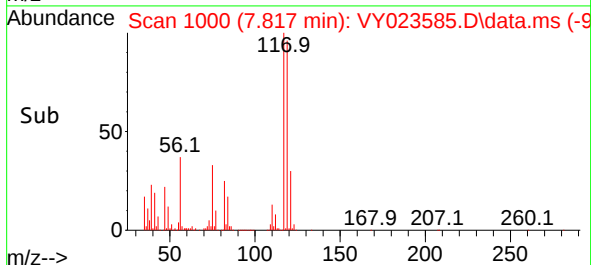
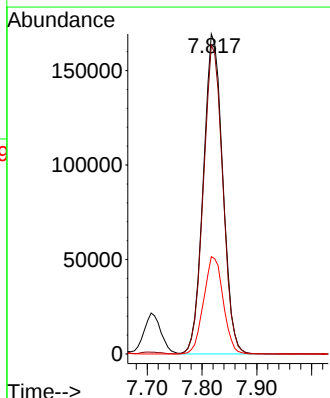
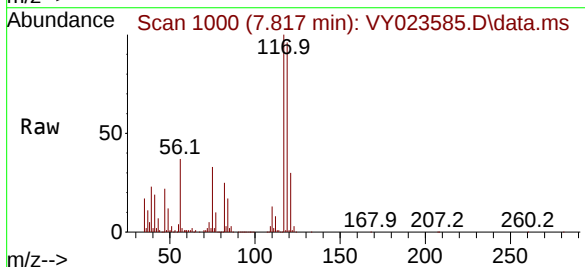
Tgt Ion: 117 Resp: 416383

Ion Ratio Lower Upper

117 100

119 96.4 76.8 115.2

121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 56.491 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

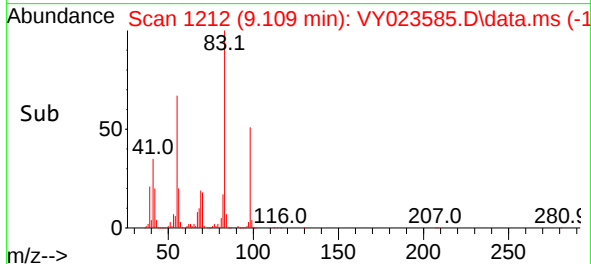
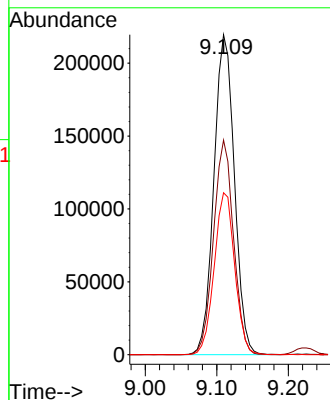
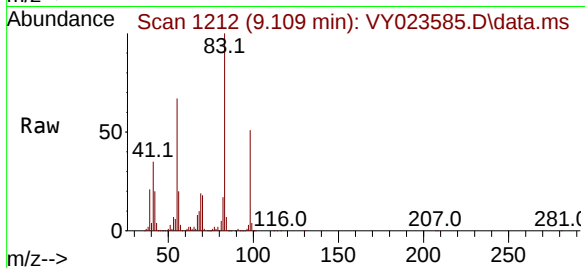
Tgt Ion: 83 Resp: 437177

Ion Ratio Lower Upper

83 100

55 67.1 51.4 77.2

98 50.6 40.4 60.6



#40

Benzene

Concen: 56.671 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023585.D

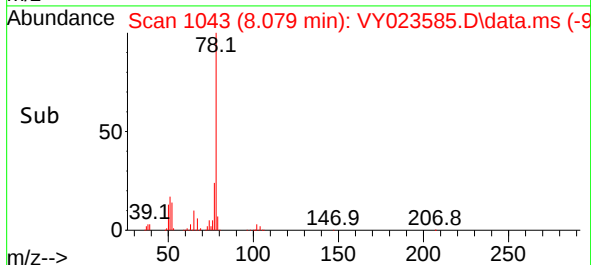
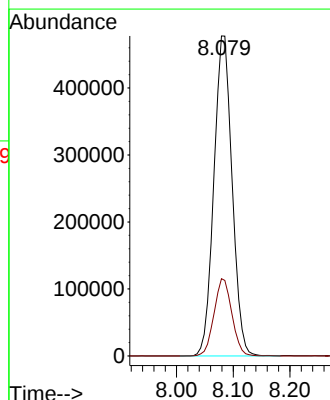
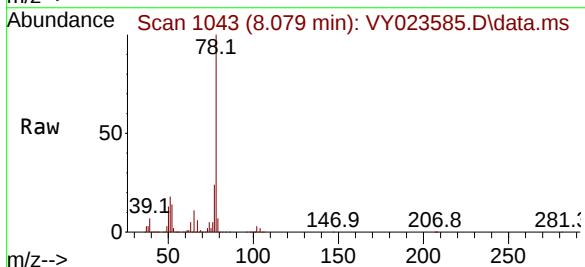
Acq: 27 Oct 2025 09:12

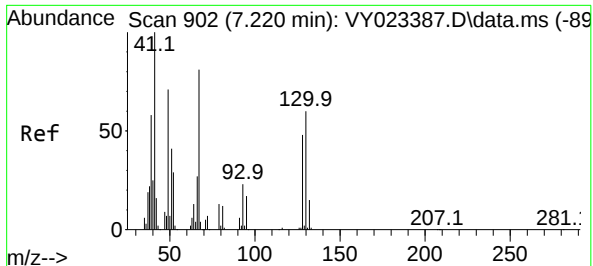
Tgt Ion: 78 Resp: 1066732

Ion Ratio Lower Upper

78 100

77 24.2 18.3 27.5

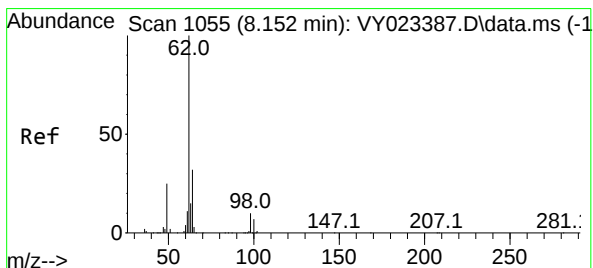
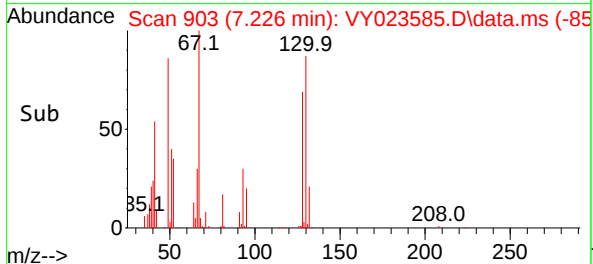
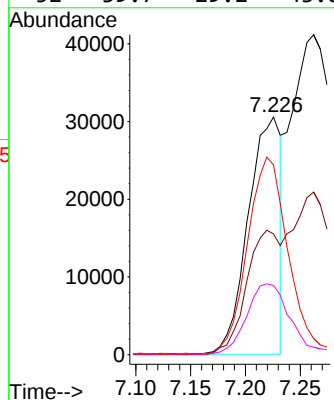
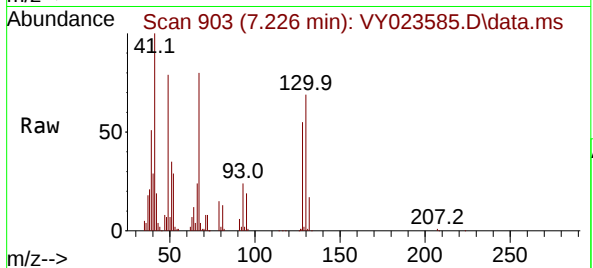




#41
Methacrylonitrile
Concen: 49.761 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

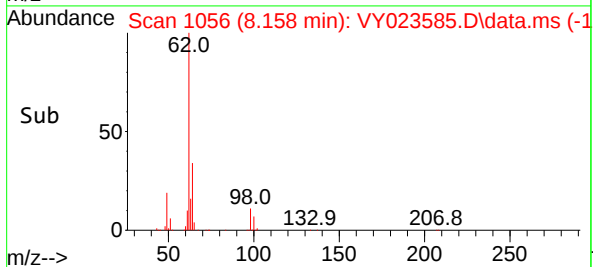
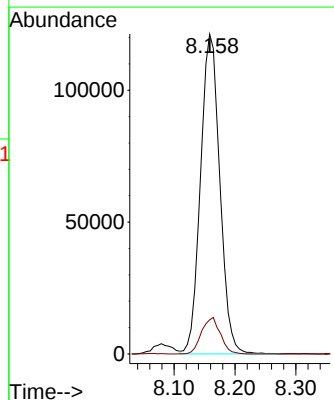
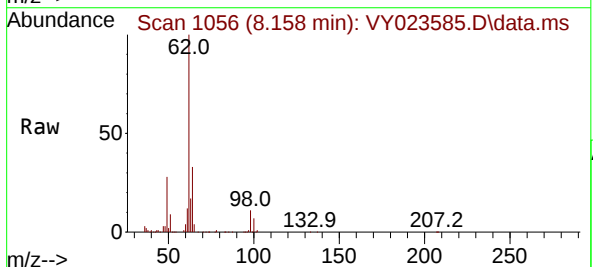
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

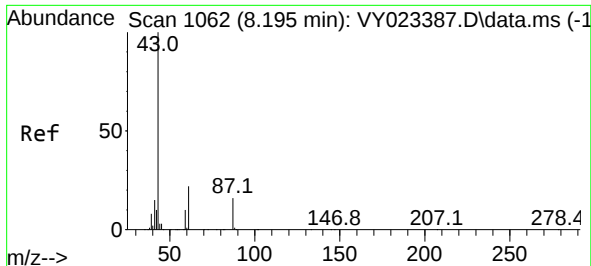
Tgt Ion: 41 Resp: 63373
Ion Ratio Lower Upper
41 100
39 53.7 52.2 78.4
67 104.7 74.9 112.3
52 39.7 29.2 43.8



#42
1,2-Dichloroethane
Concen: 55.039 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 62 Resp: 267189
Ion Ratio Lower Upper
62 100
98 11.1 0.0 21.6

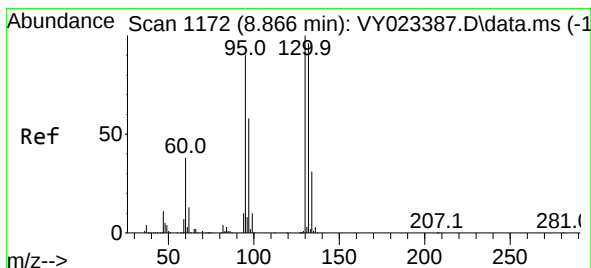
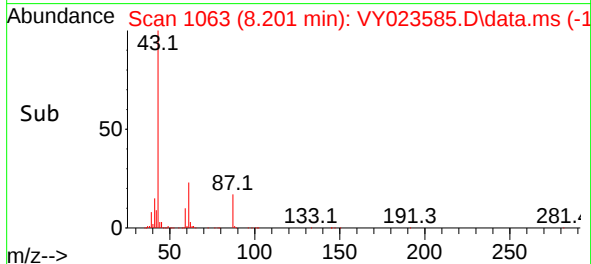
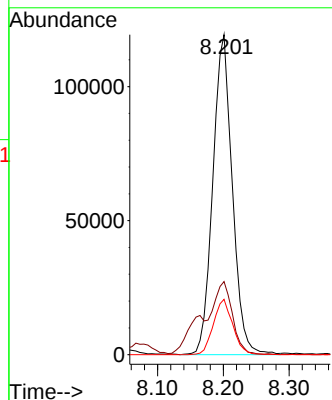
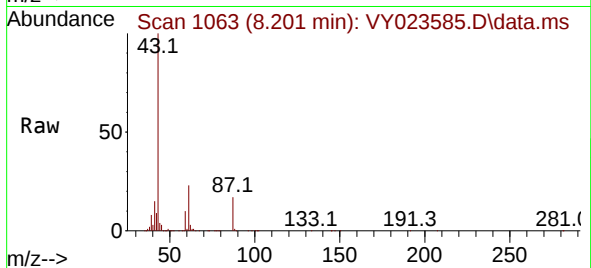




#43
Isopropyl Acetate
Concen: 52.553 ug/l
RT: 8.201 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

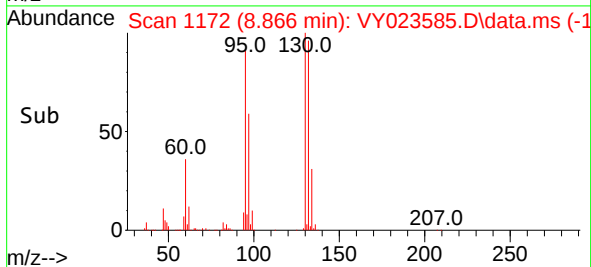
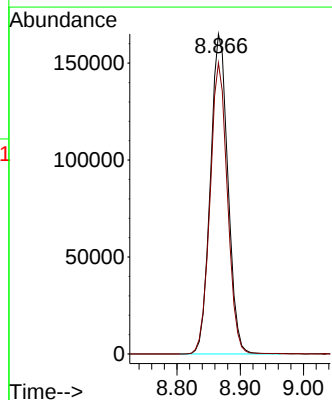
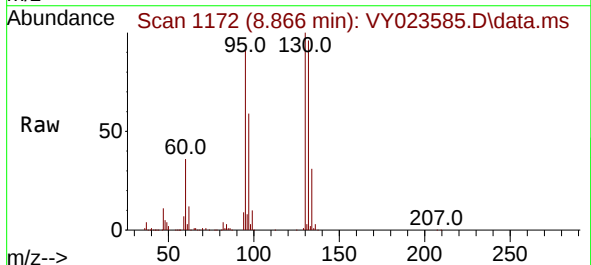
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 246759
Ion Ratio Lower Upper
43 100
61 23.6 18.1 27.1
87 17.2 13.5 20.3



#44
Trichloroethene
Concen: 57.639 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion:130 Resp: 317556
Ion Ratio Lower Upper
130 100
95 90.9 0.0 180.6





#45

1,2-Dichloropropane

Concen: 56.441 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

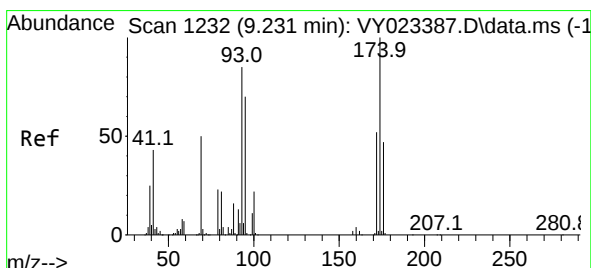
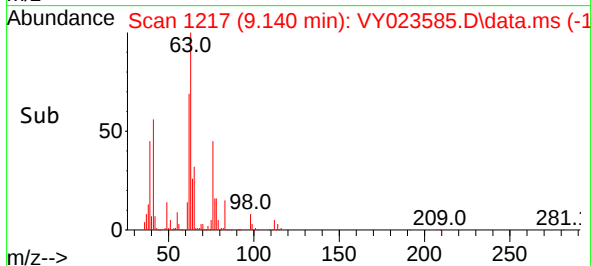
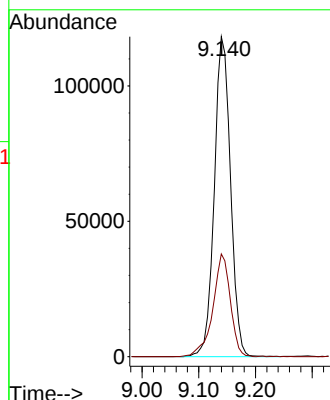
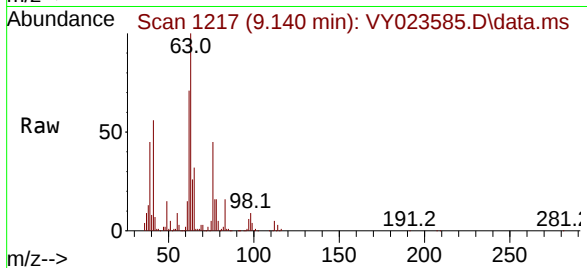
VSTDCCC050

Tgt Ion: 63 Resp: 234660

Ion Ratio Lower Upper

63 100

65 32.1 24.9 37.3



#46

Dibromomethane

Concen: 56.764 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

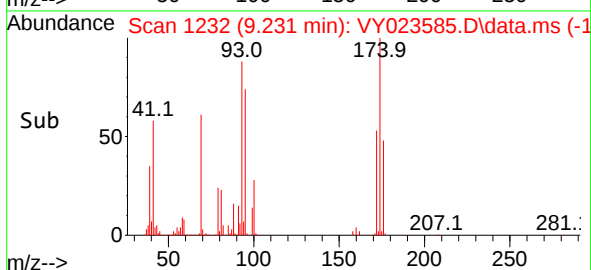
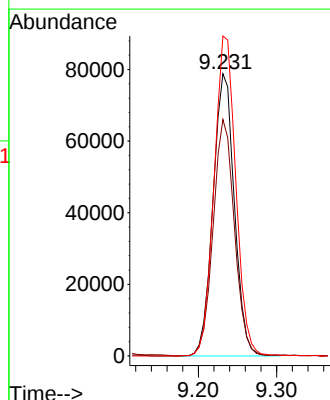
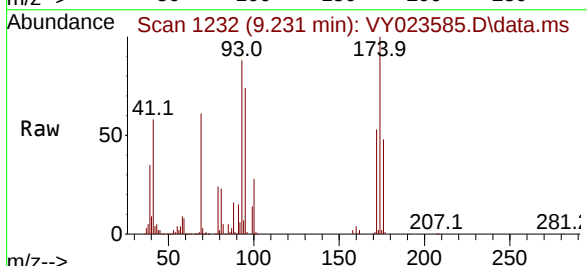
Tgt Ion: 93 Resp: 149232

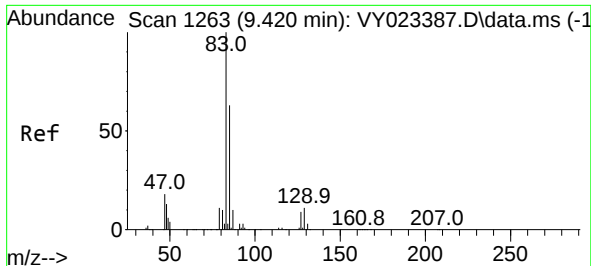
Ion Ratio Lower Upper

93 100

95 83.6 65.4 98.0

174 115.4 92.9 139.3

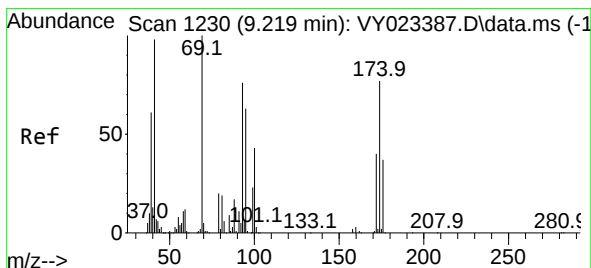
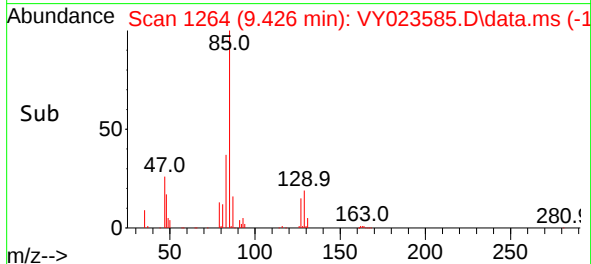
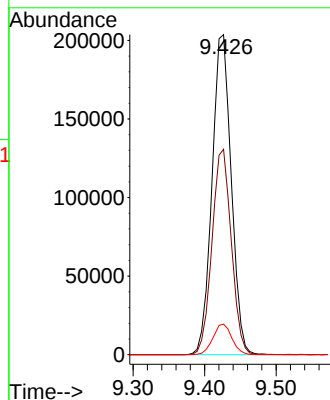
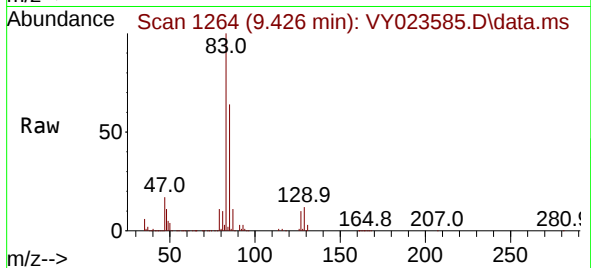




#47
Bromodichloromethane
Concen: 57.448 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

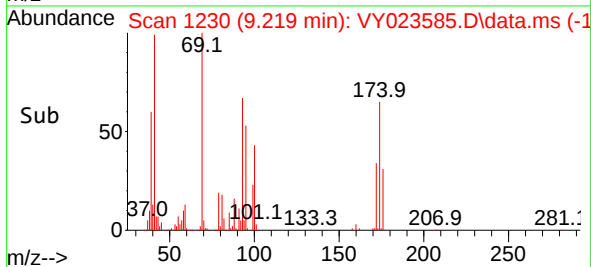
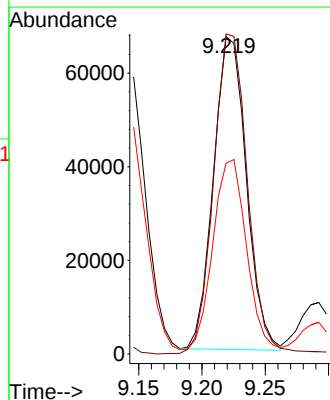
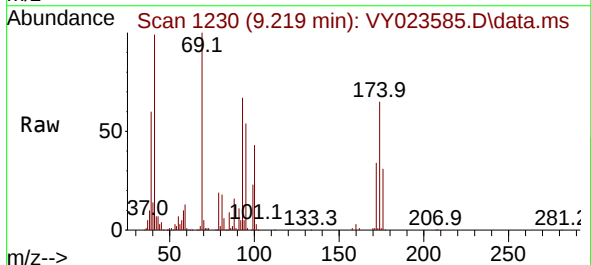
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

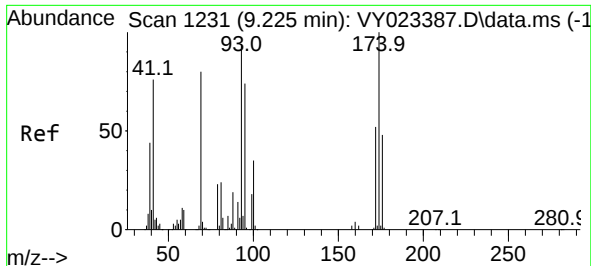
Tgt Ion: 83 Resp: 380376
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2
127 9.6 7.4 11.2



#48
Methyl methacrylate
Concen: 54.676 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 41 Resp: 120608
Ion Ratio Lower Upper
41 100
69 106.3 81.0 121.4
39 61.9 48.2 72.4





#49

1,4-Dioxane

Concen: 1093.067 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

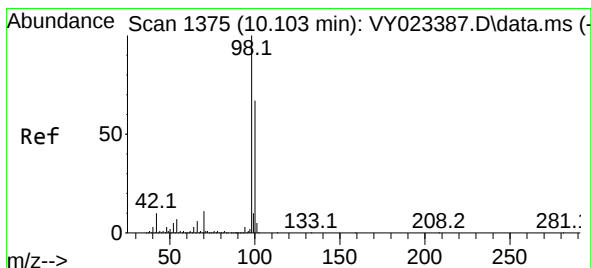
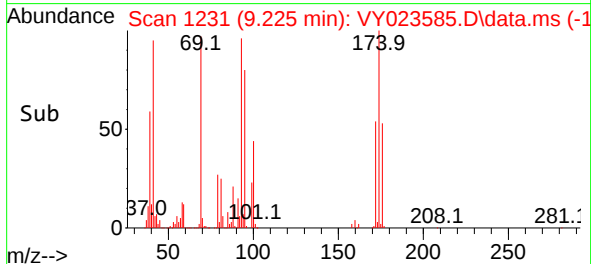
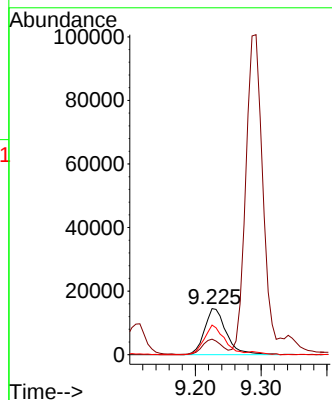
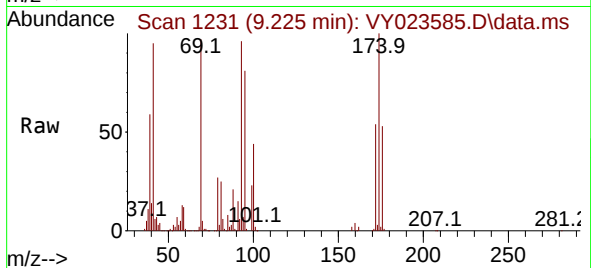
Tgt Ion: 88 Resp: 33318

Ion Ratio Lower Upper

88 100

43 28.5 21.8 32.8

58 59.7 46.8 70.2



#50

Toluene-d8

Concen: 50.972 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY023585.D

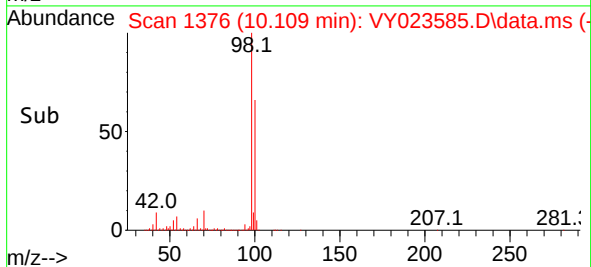
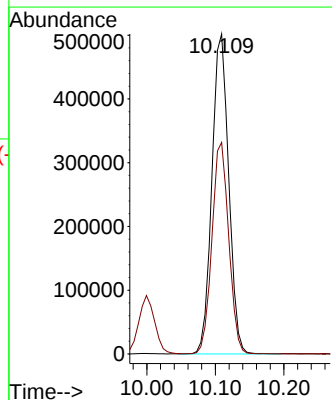
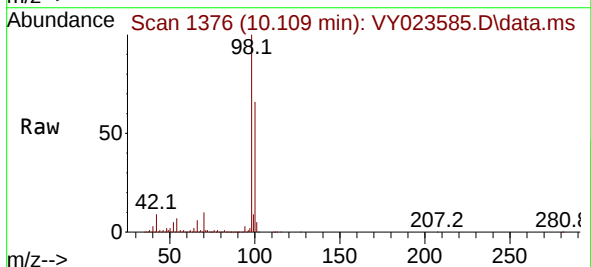
Acq: 27 Oct 2025 09:12

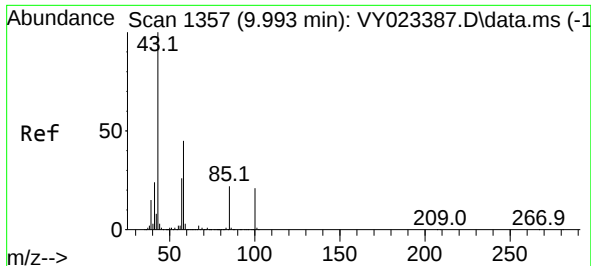
Tgt Ion: 98 Resp: 852236

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 285.838 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

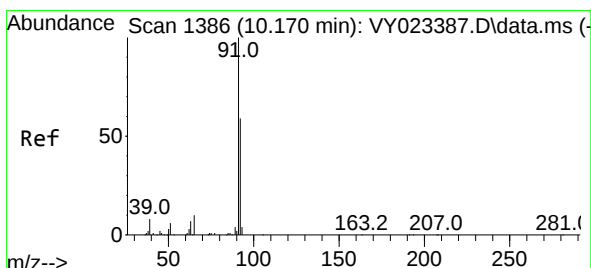
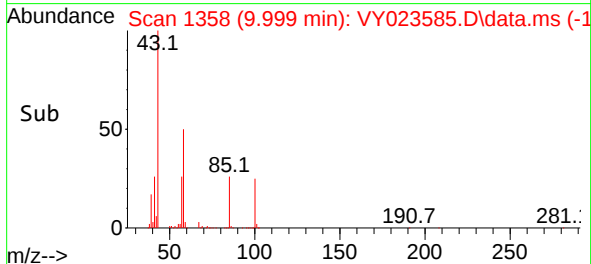
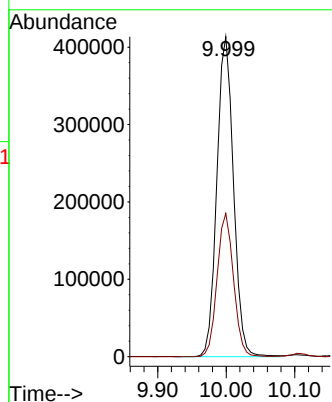
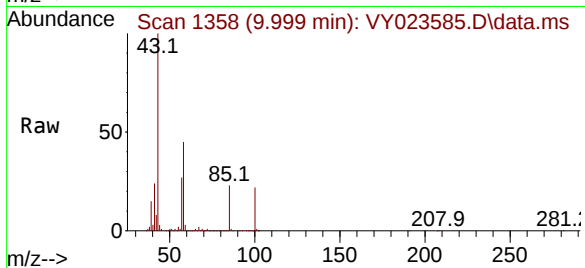
VSTDCCC050

Tgt Ion: 43 Resp: 693430

Ion Ratio Lower Upper

43 100

58 44.3 35.3 52.9



#52

Toluene

Concen: 58.468 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023585.D

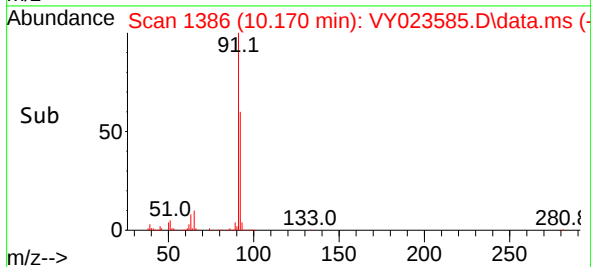
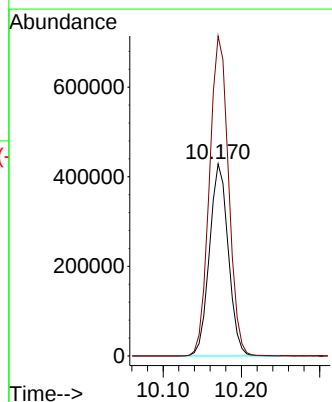
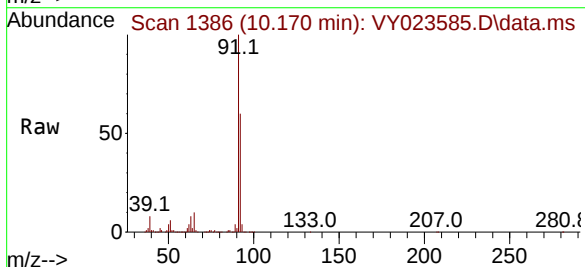
Acq: 27 Oct 2025 09:12

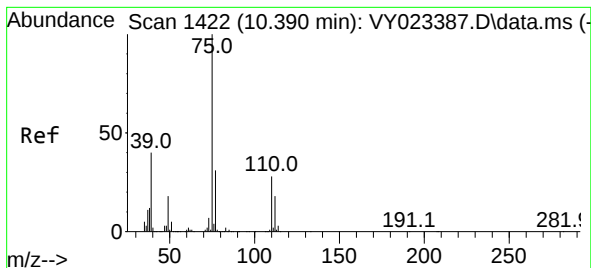
Tgt Ion: 92 Resp: 714574

Ion Ratio Lower Upper

92 100

91 169.6 136.4 204.6

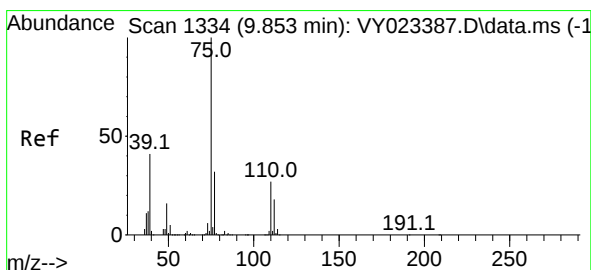
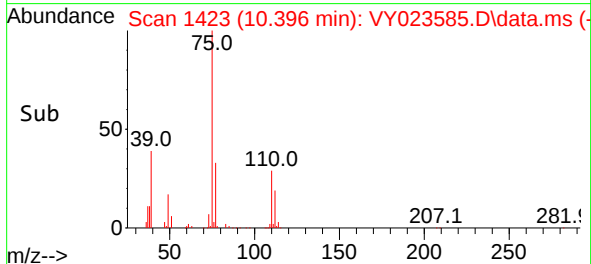
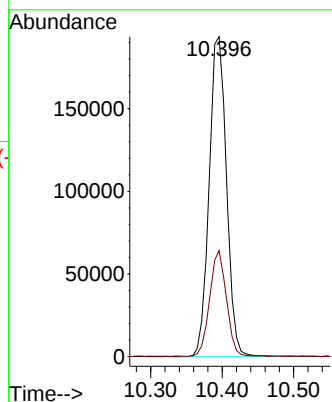
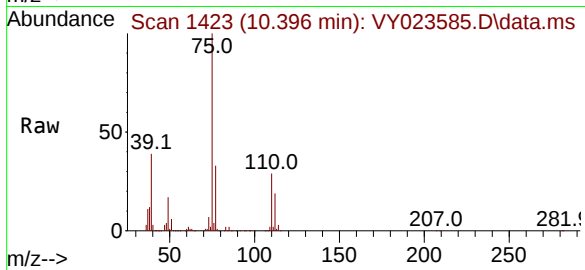




#53
t-1,3-Dichloropropene
Concen: 56.711 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

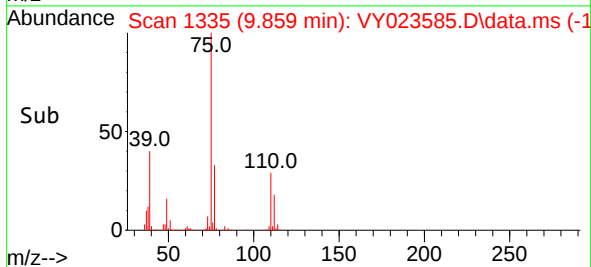
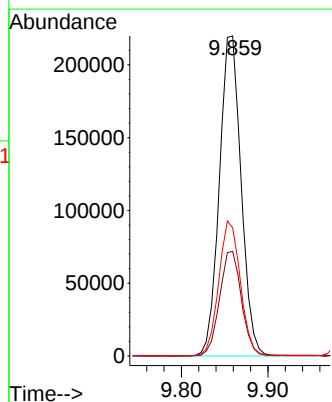
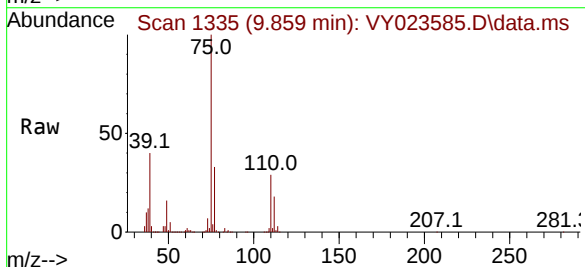
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

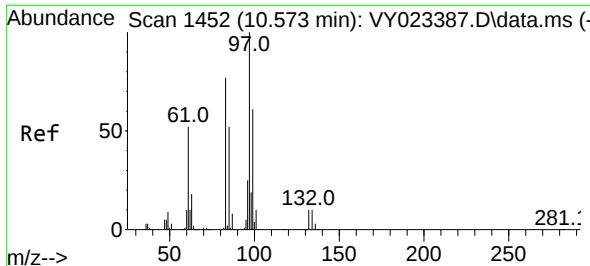
Tgt Ion: 75 Resp: 326502
Ion Ratio Lower Upper
75 100
77 32.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 56.525 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 75 Resp: 384084
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0
39 40.0 32.8 49.2



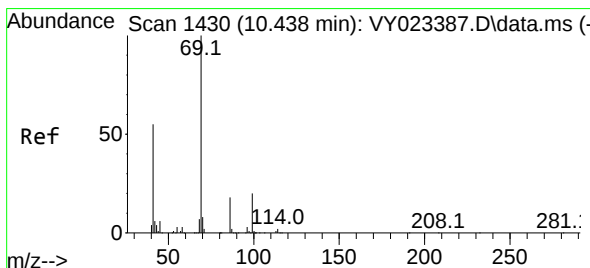
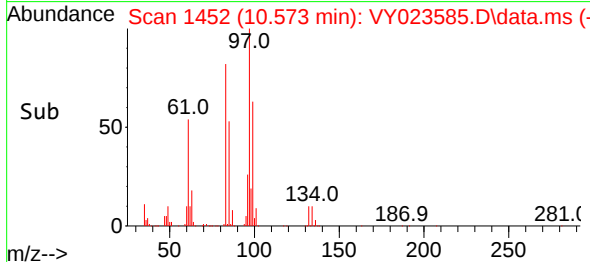
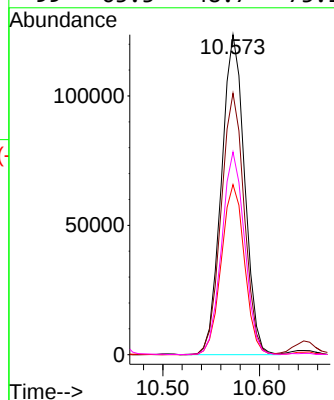
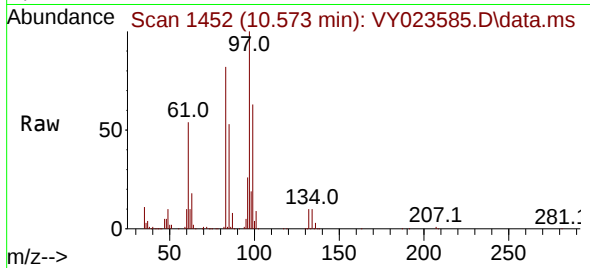


#55
1,1,2-Trichloroethane
Concen: 58.176 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 205670

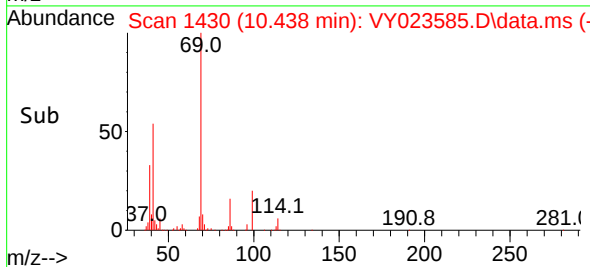
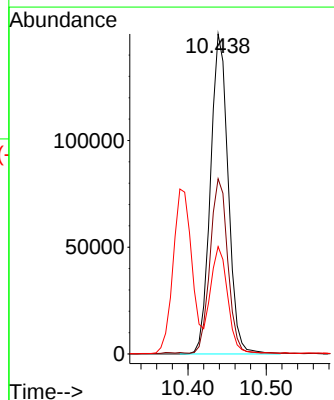
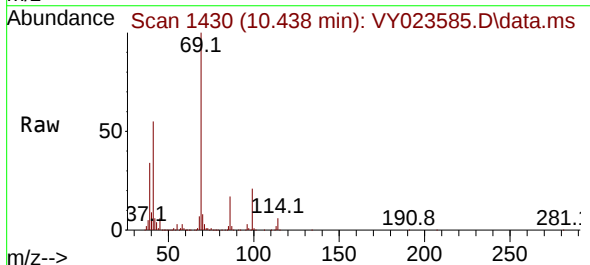
Ion	Ratio	Lower	Upper
97	100		
83	81.7	61.8	92.6
85	53.2	41.3	61.9
99	63.3	48.7	73.1

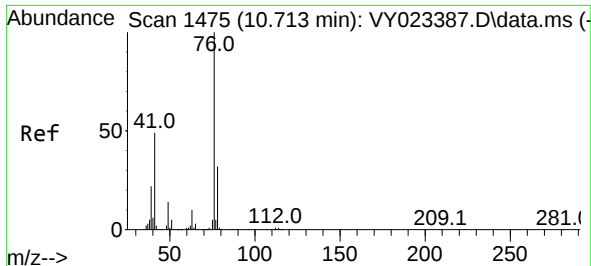


#56
Ethyl methacrylate
Concen: 57.638 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 69 Resp: 235051

Ion	Ratio	Lower	Upper
69	100		
41	54.6	44.6	67.0
39	31.8	27.0	40.4





#57

1,3-Dichloropropane

Concen: 56.943 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

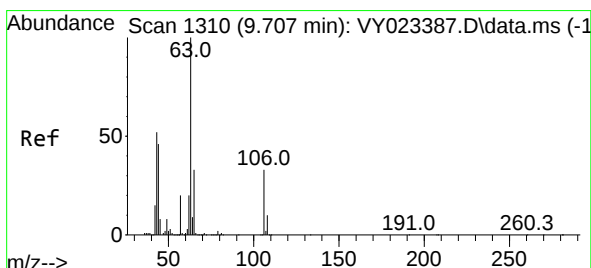
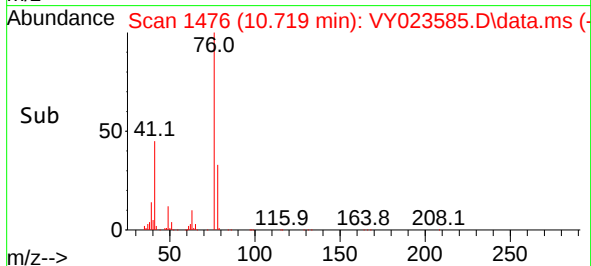
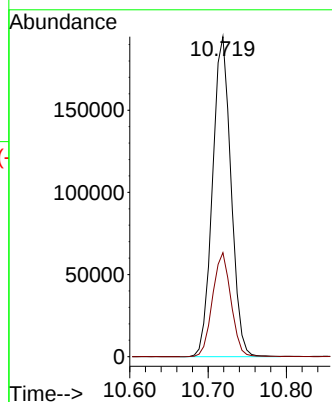
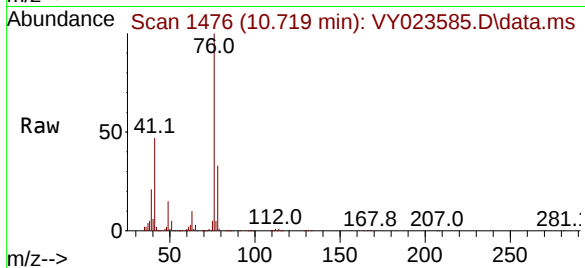
VSTDCCC050

Tgt Ion: 76 Resp: 319002

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 267.481 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023585.D

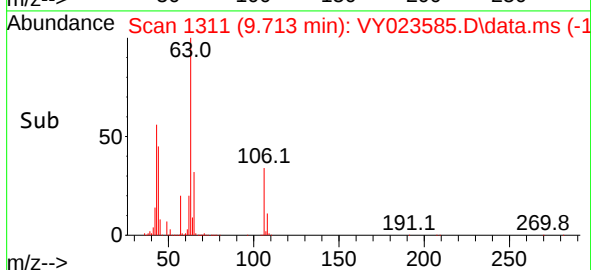
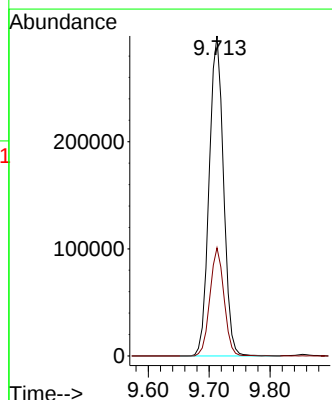
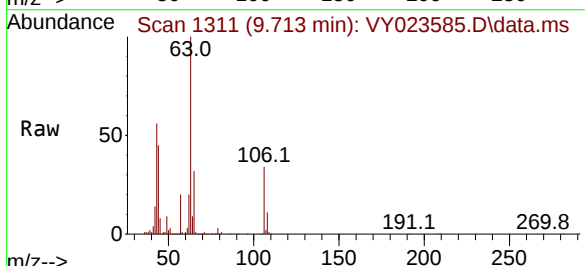
Acq: 27 Oct 2025 09:12

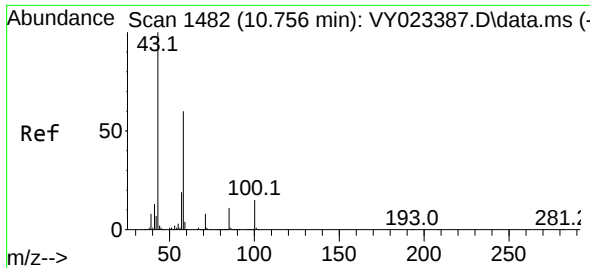
Tgt Ion: 63 Resp: 488651

Ion Ratio Lower Upper

63 100

106 33.1 26.6 39.8

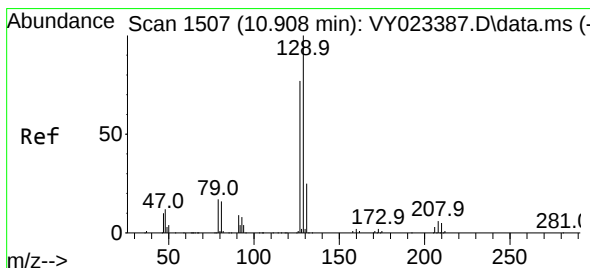
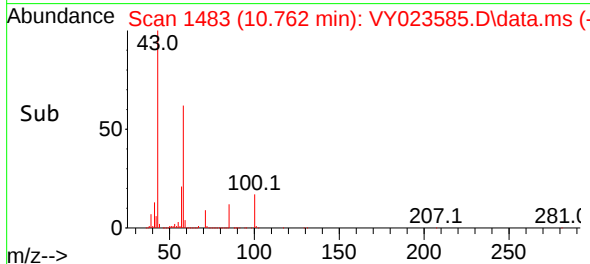
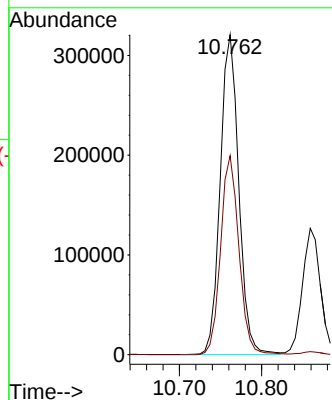
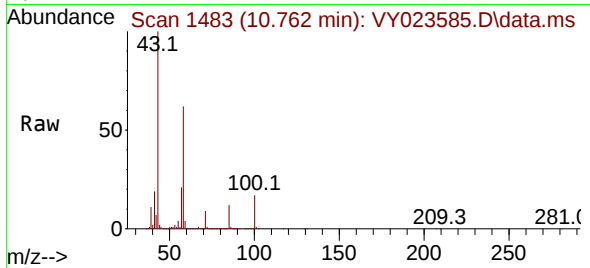




#59
2-Hexanone
Concen: 289.017 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

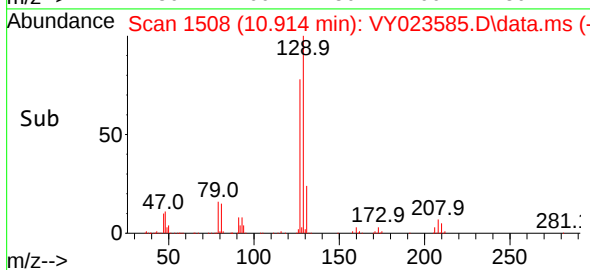
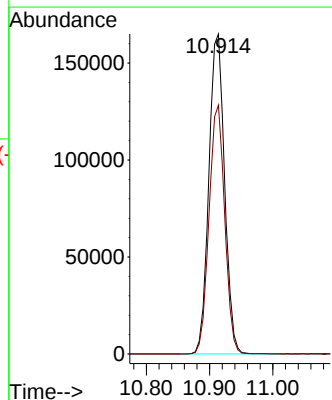
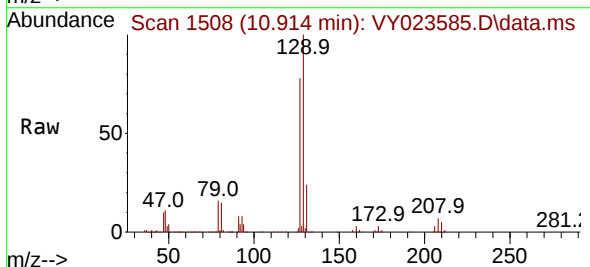
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

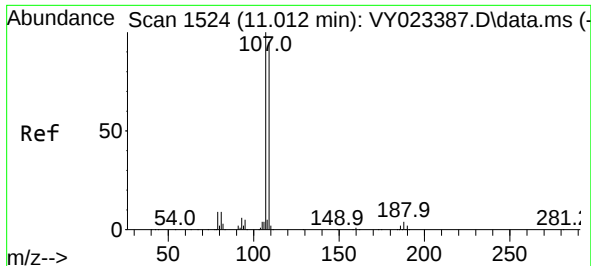
Tgt Ion: 43 Resp: 501068
Ion Ratio Lower Upper
43 100
58 61.7 30.5 91.5



#60
Dibromochloromethane
Concen: 57.453 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 129 Resp: 284770
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7

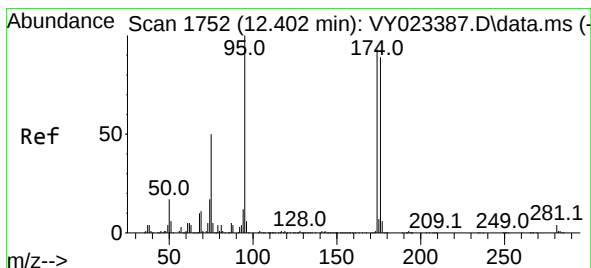
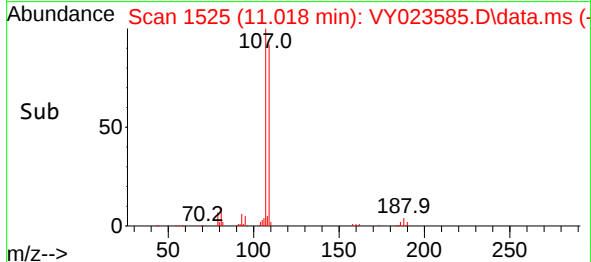
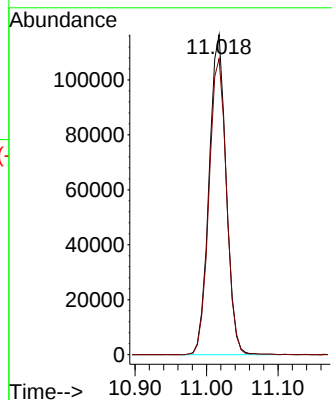
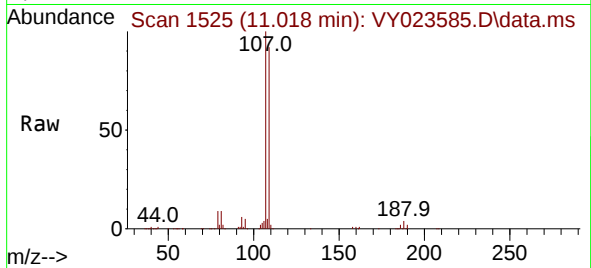




#61
1,2-Dibromoethane
Concen: 57.141 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

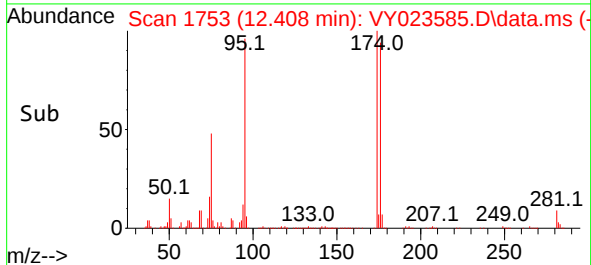
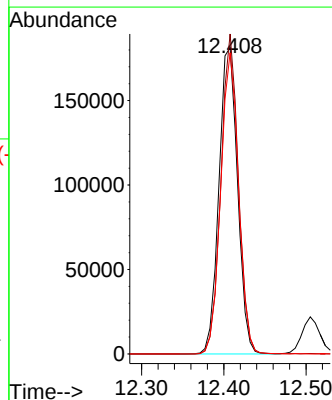
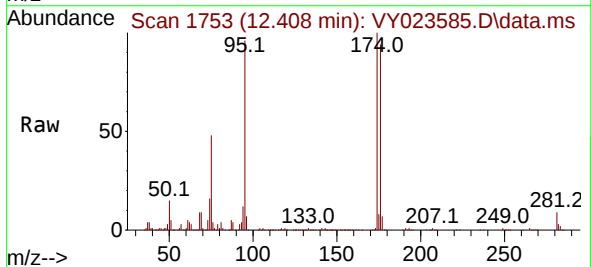
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

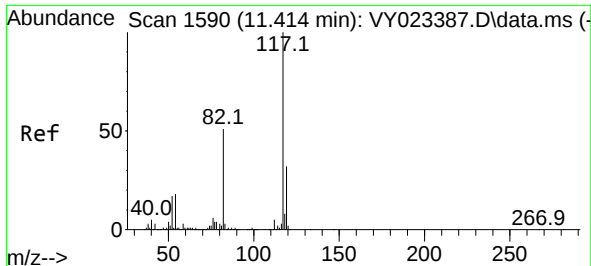
Tgt Ion:107 Resp: 192658
Ion Ratio Lower Upper
107 100
109 95.0 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 51.753 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 95 Resp: 285676
Ion Ratio Lower Upper
95 100
174 97.7 0.0 192.8
176 94.3 0.0 187.6

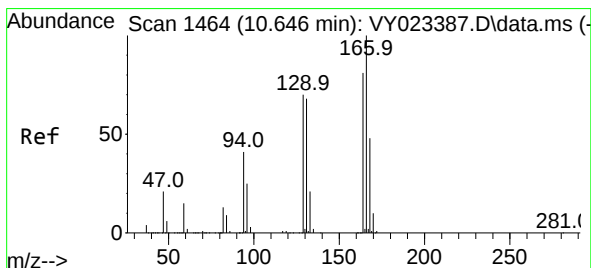
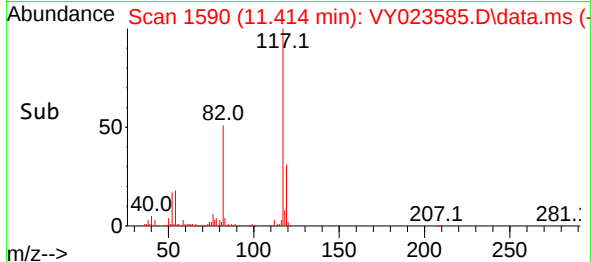
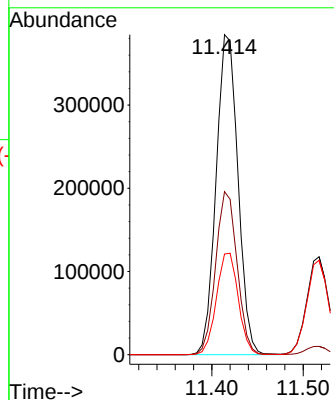
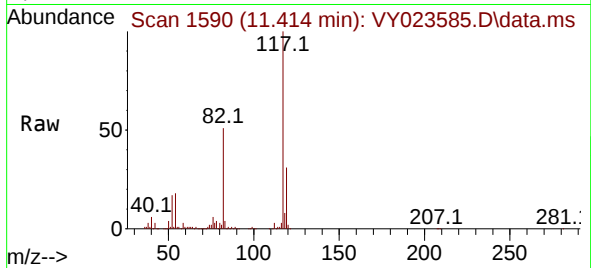




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

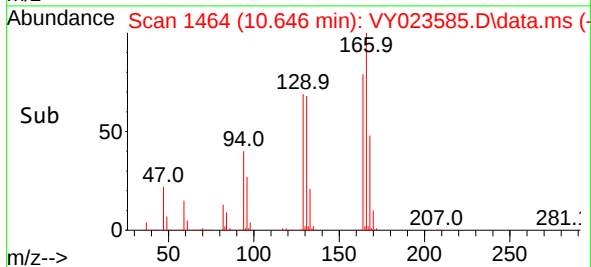
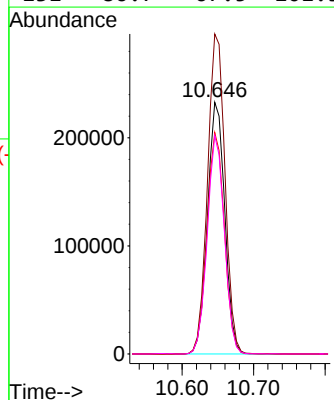
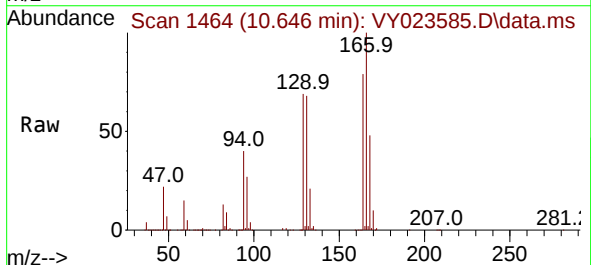
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 639546
Ion Ratio Lower Upper
117 100
82 50.9 41.0 61.4
119 31.5 25.6 38.4



#64
Tetrachloroethene
Concen: 59.423 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion:164 Resp: 392401
Ion Ratio Lower Upper
164 100
166 127.2 99.4 149.0
129 88.0 69.4 104.2
131 86.7 67.5 101.3

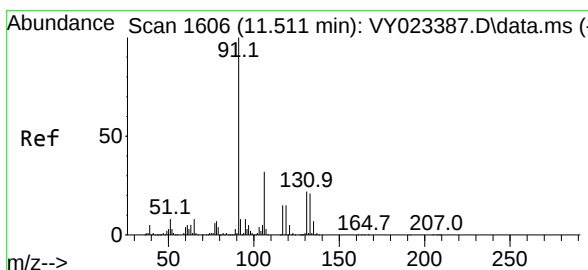
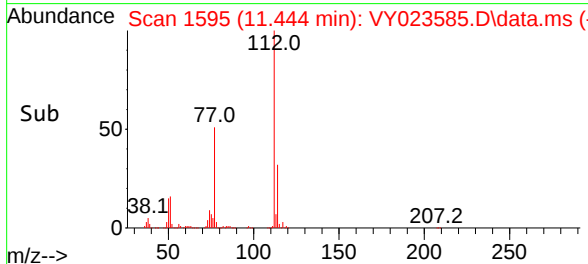
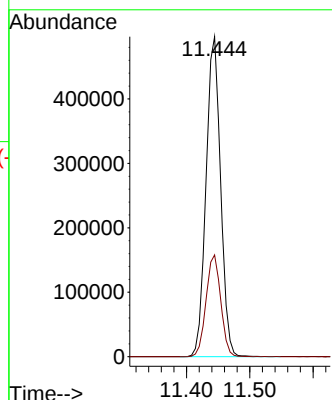
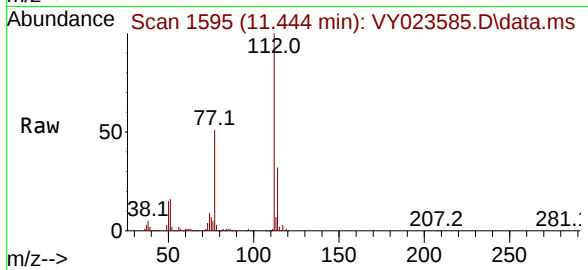




#65
Chlorobenzene
Concen: 57.147 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

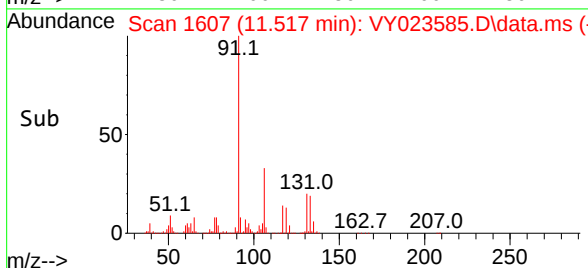
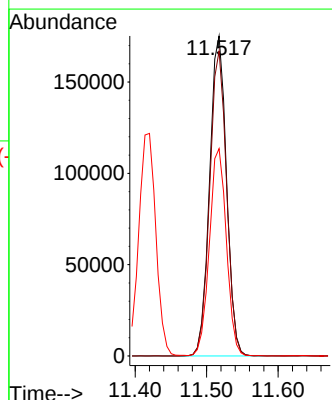
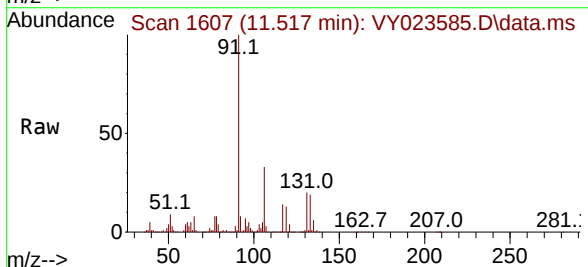
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

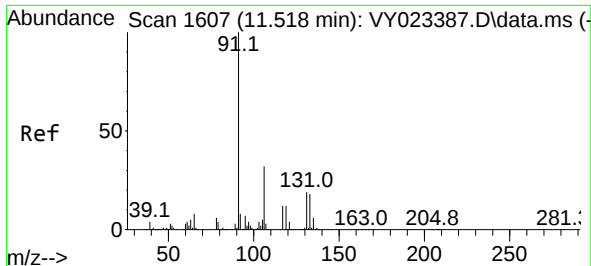
Tgt Ion:112 Resp: 794901
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 58.017 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion:131 Resp: 287579
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.2
119 65.2 32.4 97.2





#67

Ethyl Benzene

Concen: 58.992 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

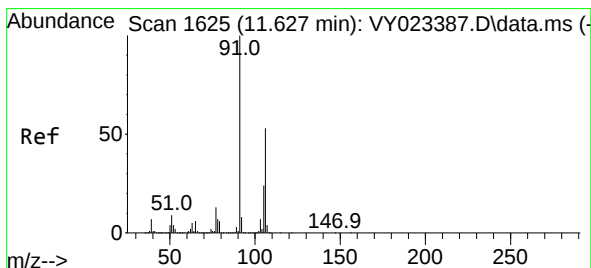
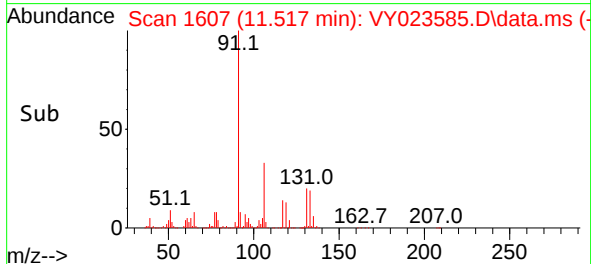
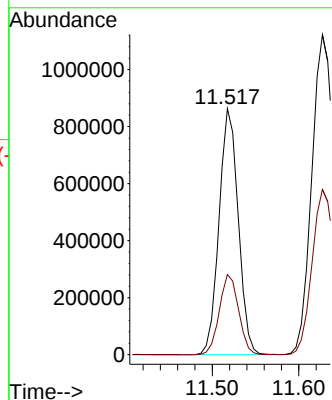
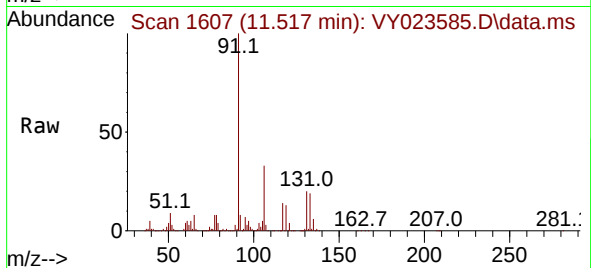
VSTDCCC050

Tgt Ion: 91 Resp: 1328243

Ion Ratio Lower Upper

91 100

106 32.6 25.8 38.8



#68

m/p-Xylenes

Concen: 117.617 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023585.D

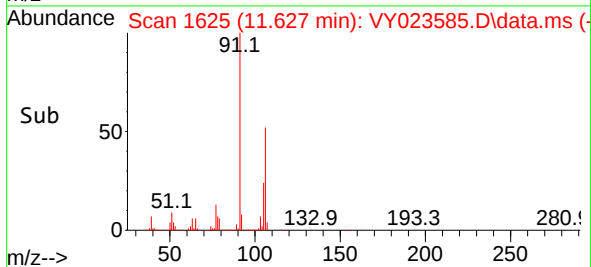
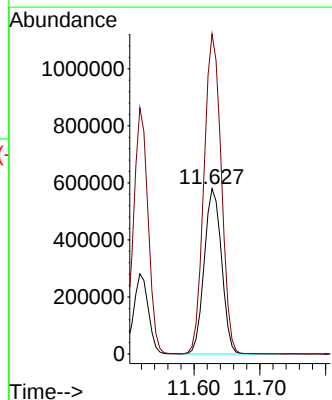
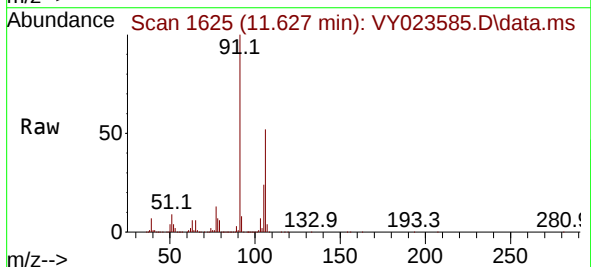
Acq: 27 Oct 2025 09:12

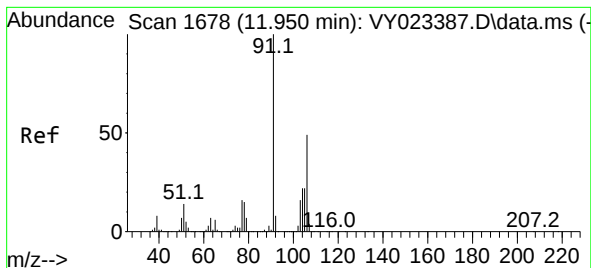
Tgt Ion:106 Resp: 1062203

Ion Ratio Lower Upper

106 100

91 193.3 152.6 229.0





#69

o-Xylene

Concen: 59.505 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

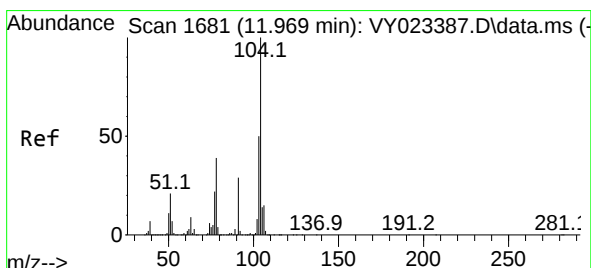
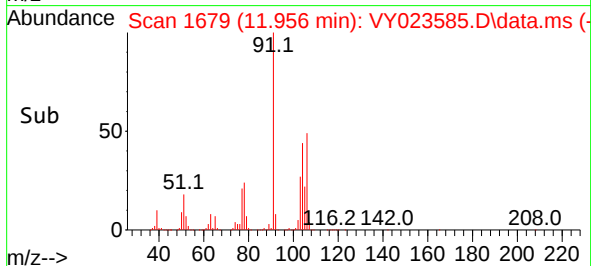
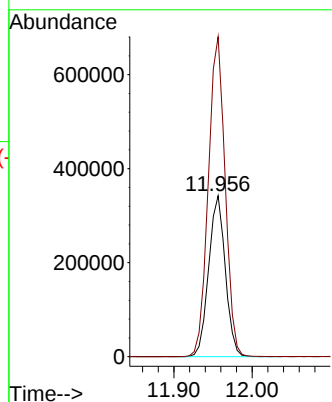
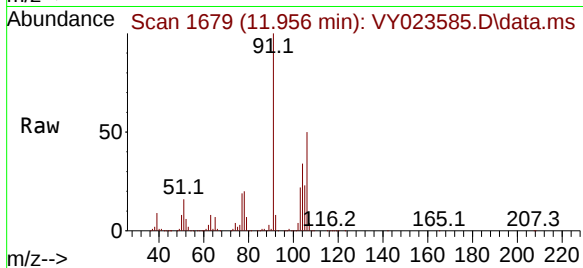
VSTDCCC050

Tgt Ion:106 Resp: 504058

Ion Ratio Lower Upper

106 100

91 201.0 101.4 304.1



#70

Styrene

Concen: 59.530 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

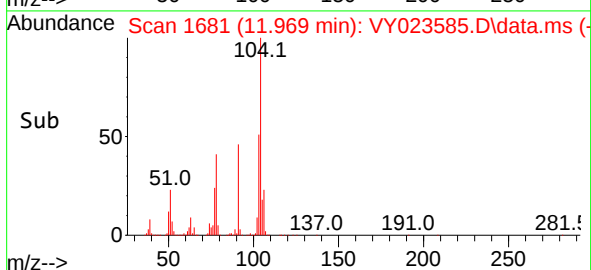
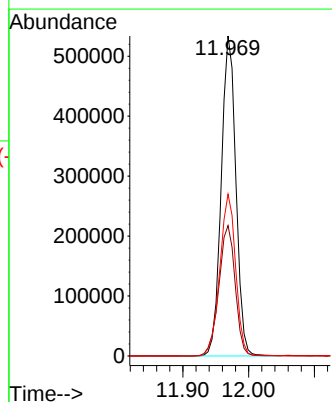
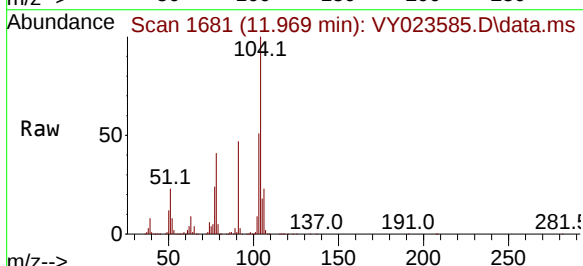
Tgt Ion:104 Resp: 829248

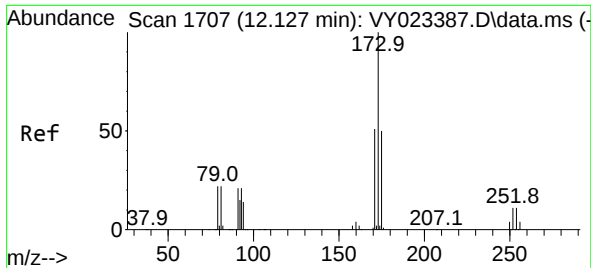
Ion Ratio Lower Upper

104 100

78 45.2 36.1 54.1

103 54.5 43.2 64.8

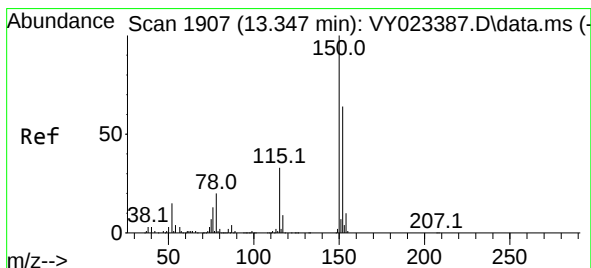
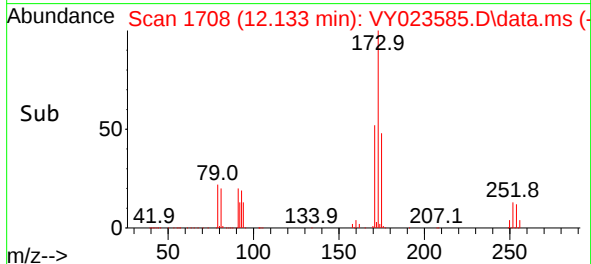
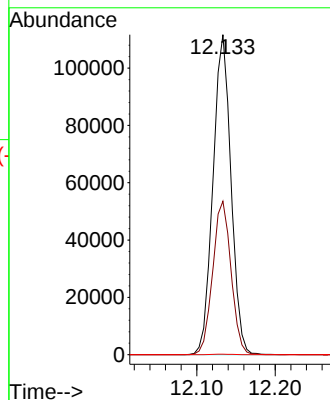
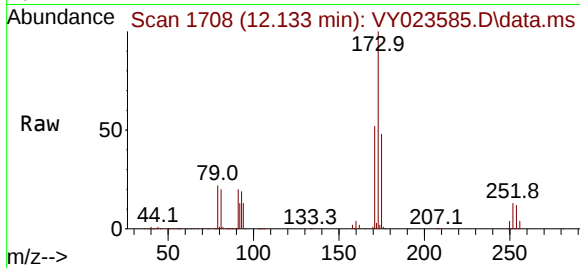




#71
Bromoform
Concen: 57.985 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

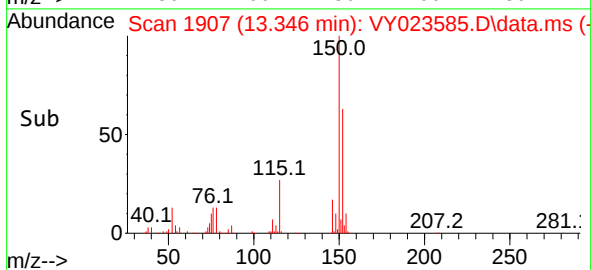
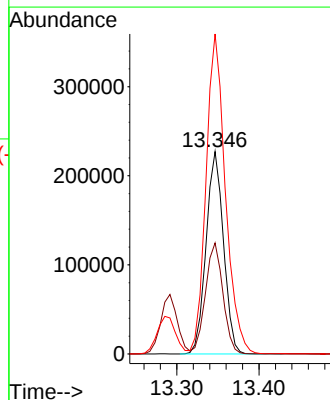
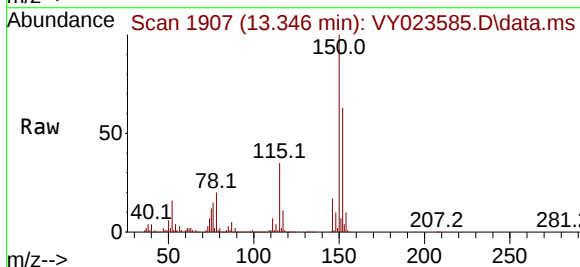
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

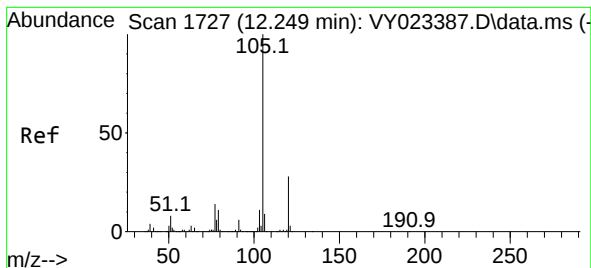
Tgt Ion:173 Resp: 178286
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion:152 Resp: 333946
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.2
150 175.6 0.0 347.4





#73

Isopropylbenzene

Concen: 60.030 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

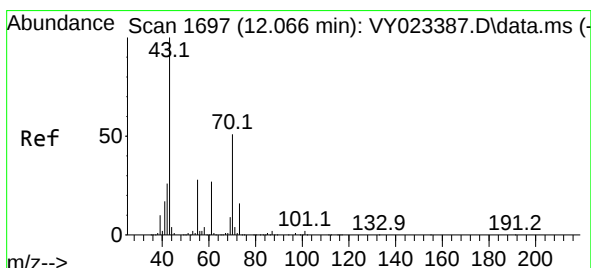
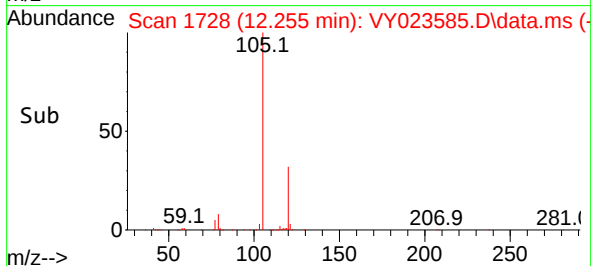
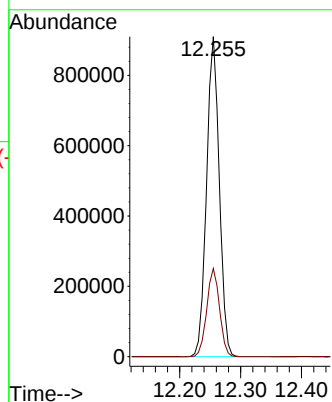
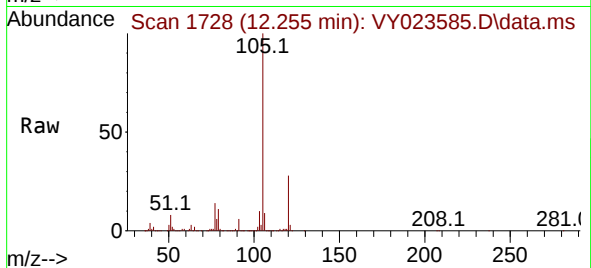
VSTDCCC050

Tgt Ion:105 Resp: 1321102

Ion Ratio Lower Upper

105 100

120 27.6 13.9 41.7



#74

N-ethyl acetate

Concen: 53.183 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Tgt Ion: 43 Resp: 210224

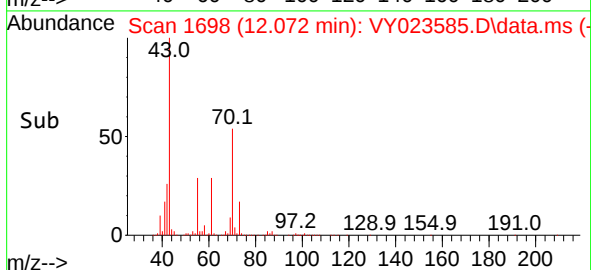
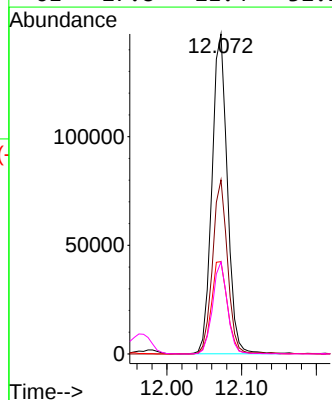
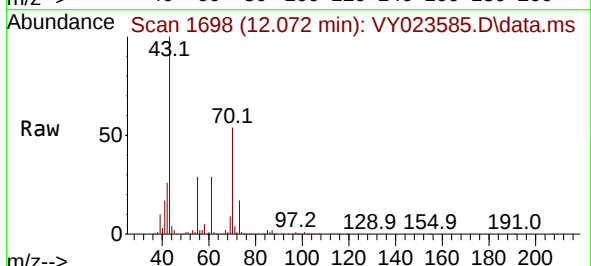
Ion Ratio Lower Upper

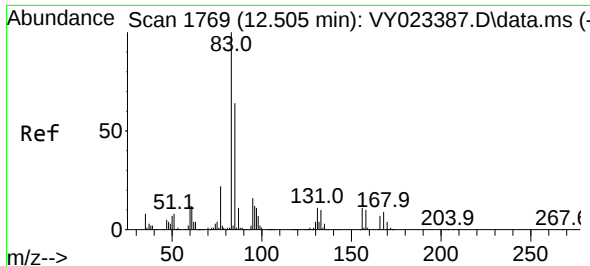
43 100

70 53.3 41.1 61.7

55 30.1 23.0 34.6

61 27.8 21.4 32.2

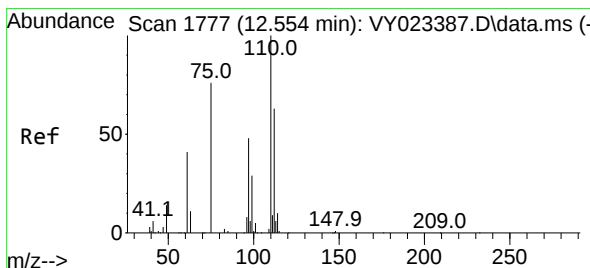
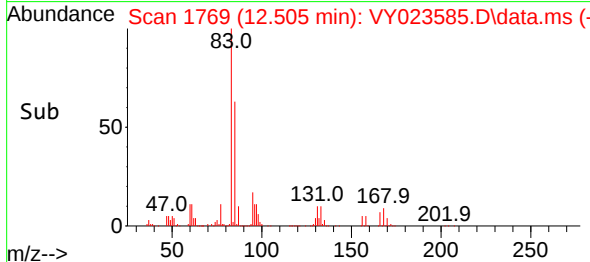
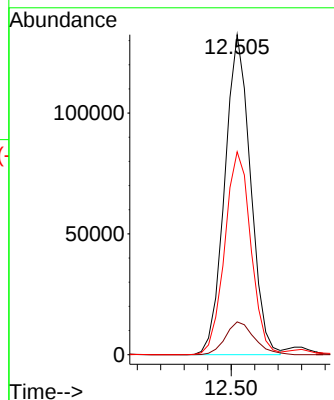
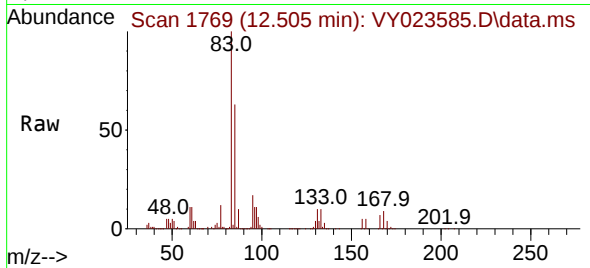




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.031 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY023585.D
 Acq: 27 Oct 2025 09:12

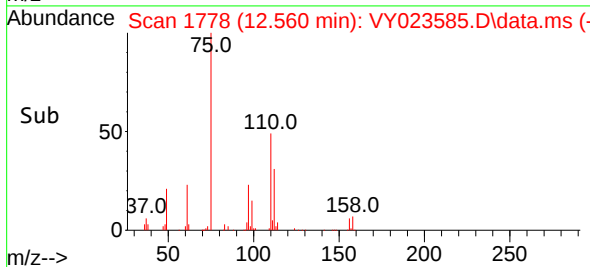
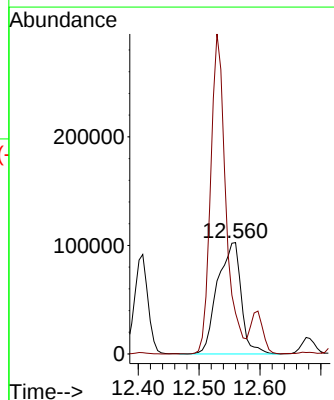
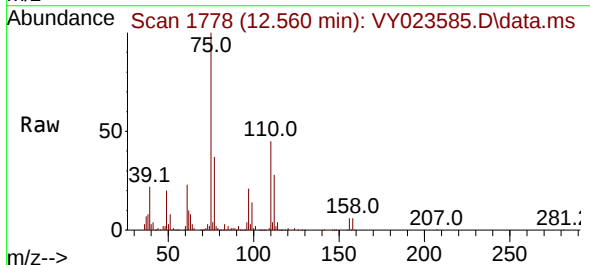
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

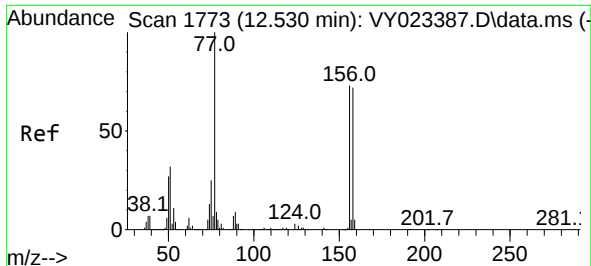
Tgt Ion: 83 Resp: 201683
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.9 17.6
 85 64.4 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 93.784 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023585.D
 Acq: 27 Oct 2025 09:12

Tgt Ion: 75 Resp: 276315
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

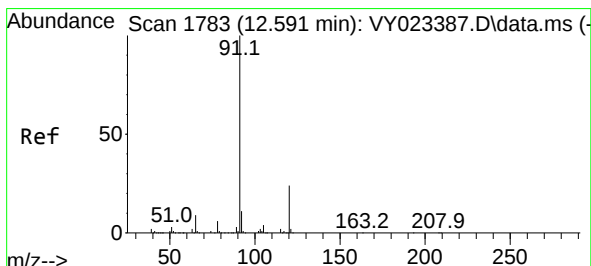
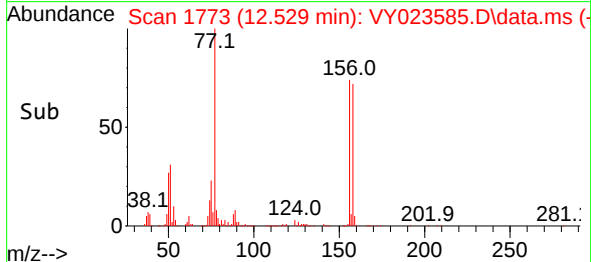
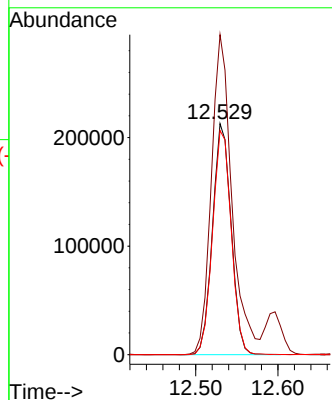
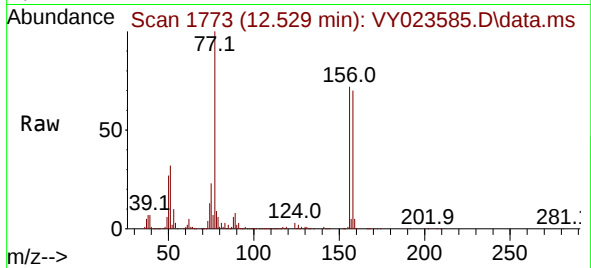




#77
Bromobenzene
Concen: 57.161 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

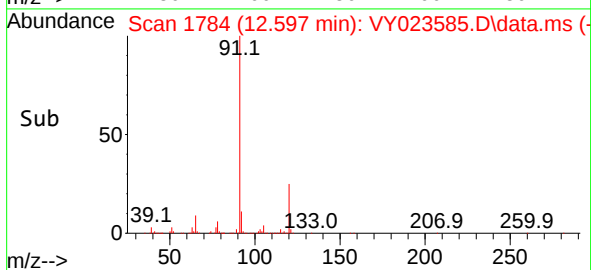
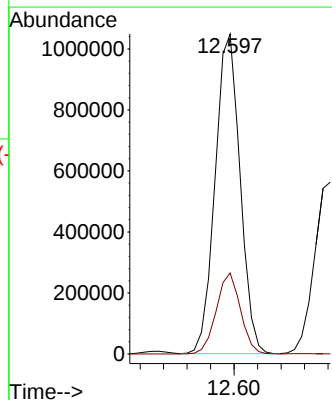
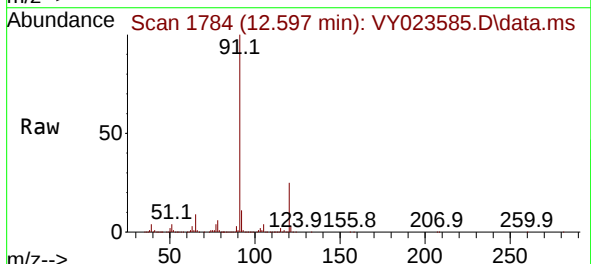
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

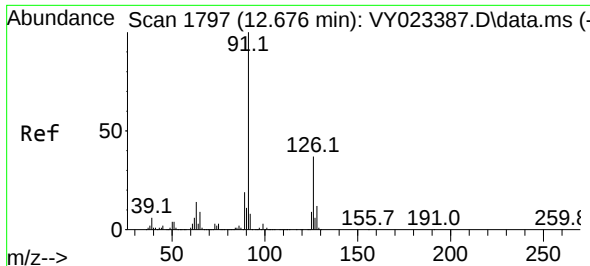
Tgt Ion:156 Resp: 334432
Ion Ratio Lower Upper
156 100
77 153.7 76.8 230.5
158 97.8 49.0 147.2



#78
n-propylbenzene
Concen: 60.607 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 91 Resp: 1543490
Ion Ratio Lower Upper
91 100
120 24.5 12.3 36.8

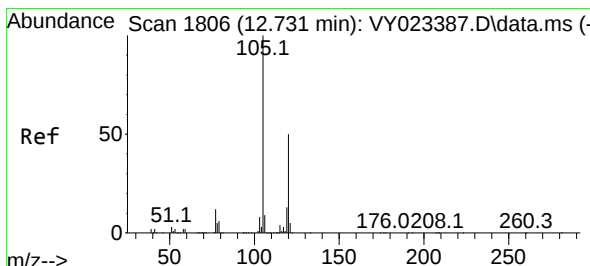
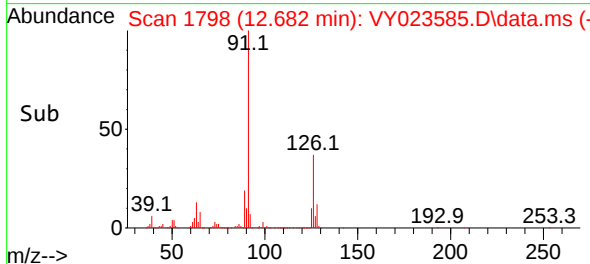
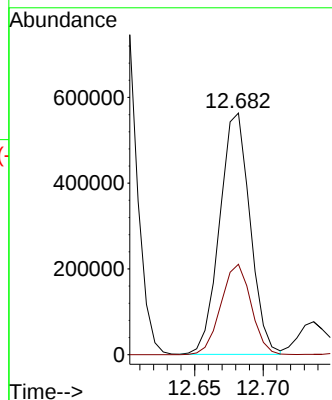
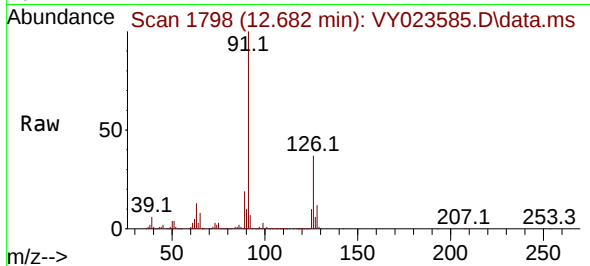




#79
2-Chlorotoluene
Concen: 58.440 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

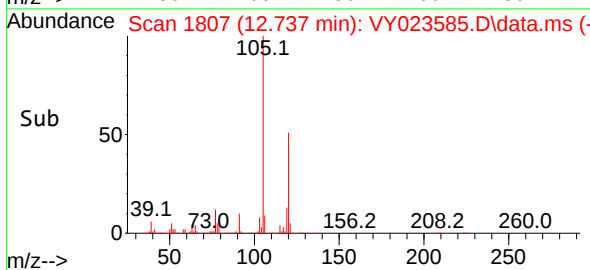
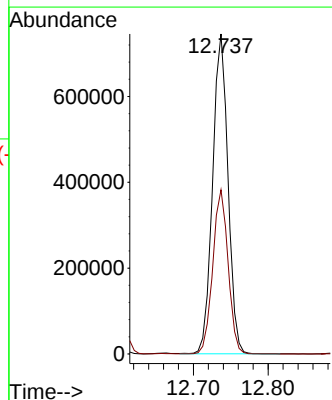
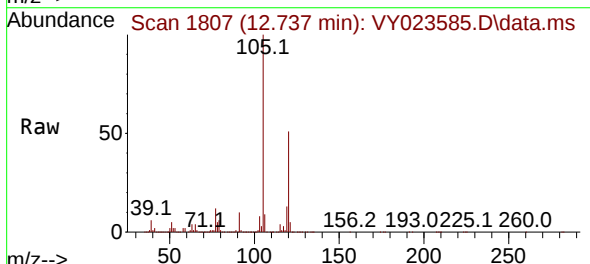
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

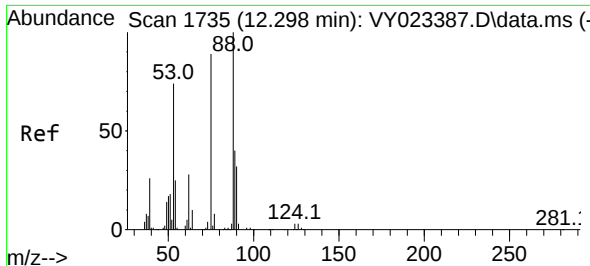
Tgt Ion: 91 Resp: 871548
Ion Ratio Lower Upper
91 100
126 37.1 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 59.962 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 105 Resp: 1066337
Ion Ratio Lower Upper
105 100
120 51.3 25.4 76.4

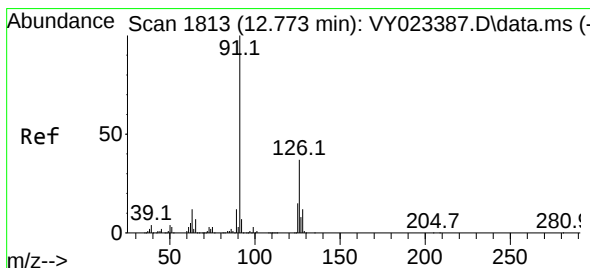
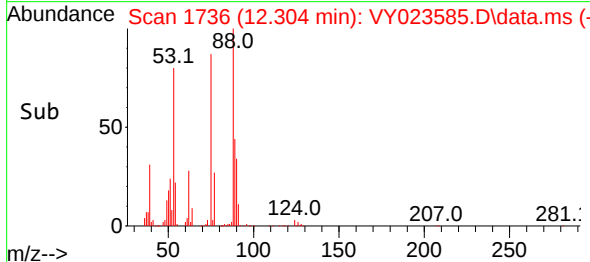
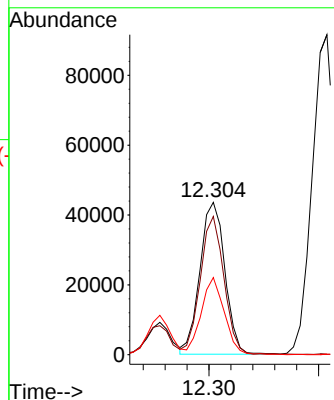
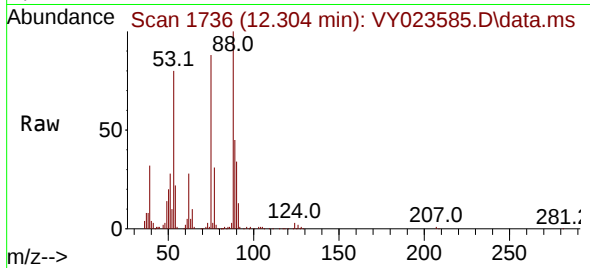




#81
trans-1,4-Dichloro-2-butene
Concen: 57.226 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

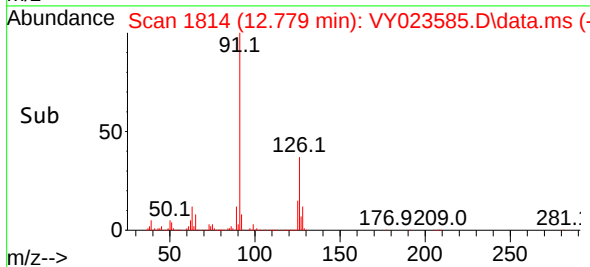
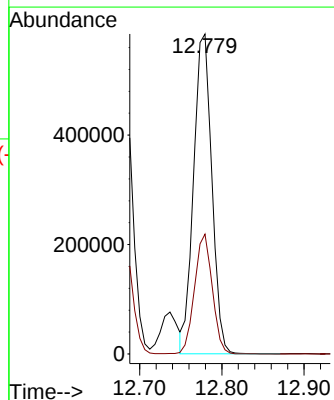
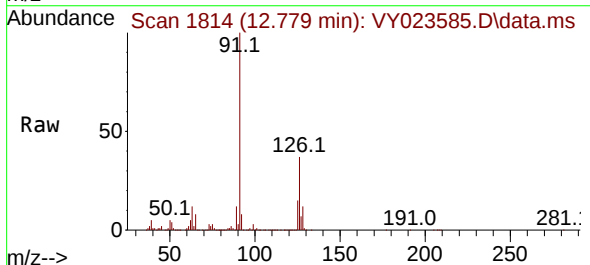
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

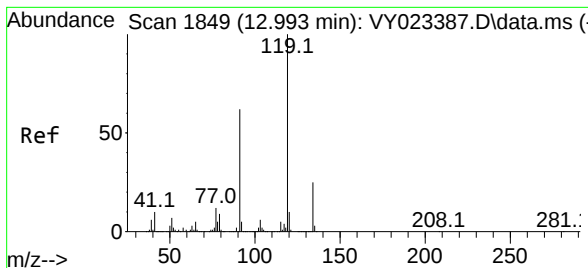
Tgt Ion: 75 Resp: 68757
Ion Ratio Lower Upper
75 100
53 85.7 68.6 102.8
89 46.9 39.0 58.4



#82
4-Chlorotoluene
Concen: 58.520 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 91 Resp: 898808
Ion Ratio Lower Upper
91 100
126 36.6 18.4 55.4

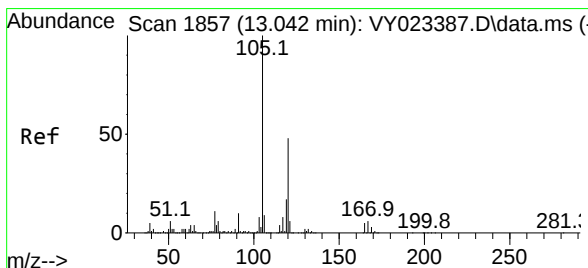
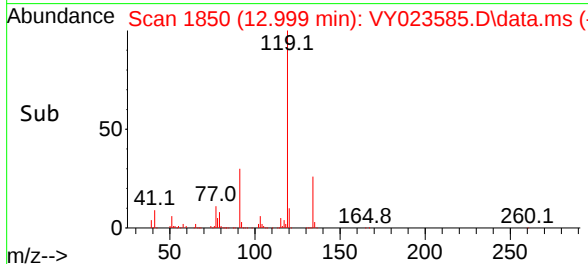
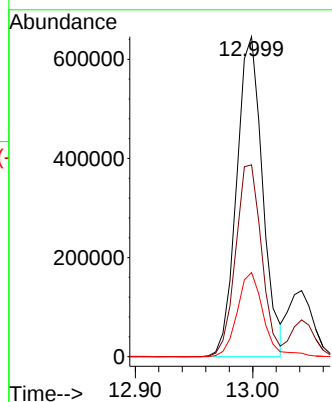
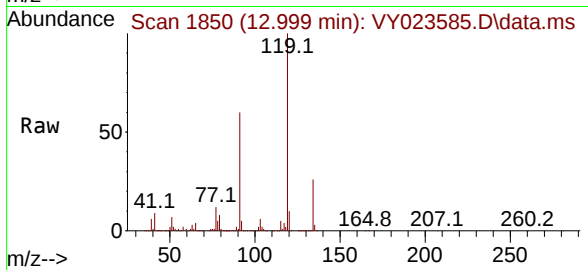




#83
tert-Butylbenzene
Concen: 60.323 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

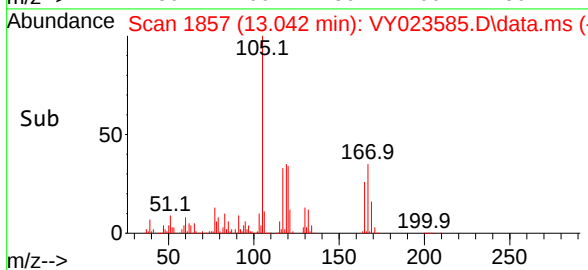
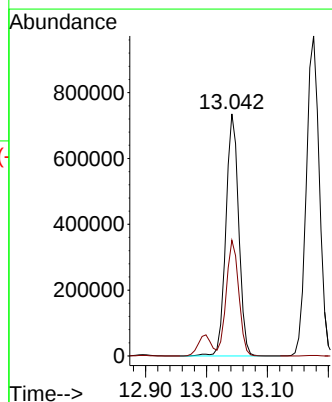
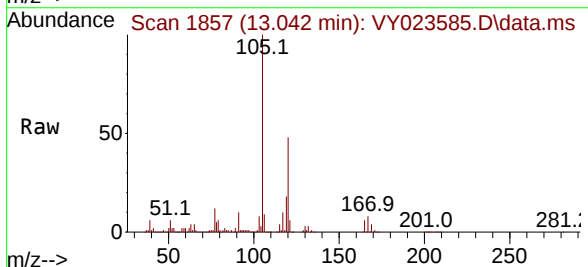
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

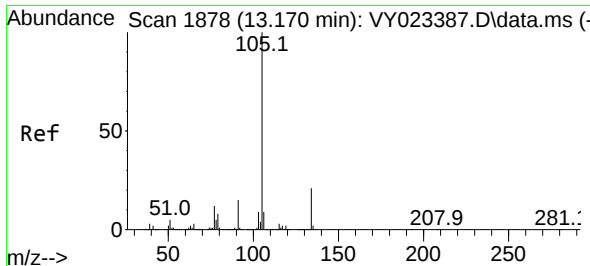
Tgt Ion:119 Resp: 990494
Ion Ratio Lower Upper
119 100
91 60.1 29.9 89.8
134 26.5 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 60.325 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion:105 Resp: 1070654
Ion Ratio Lower Upper
105 100
120 46.5 23.8 71.2

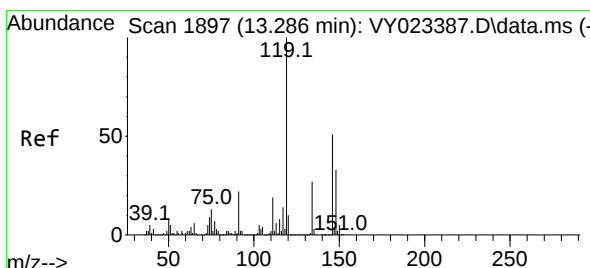
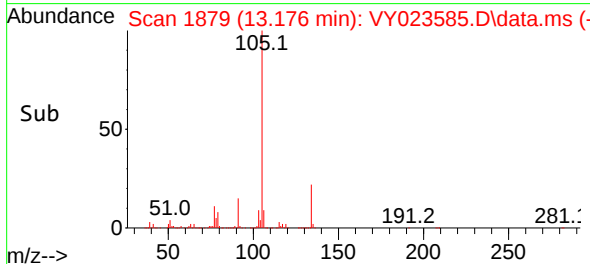
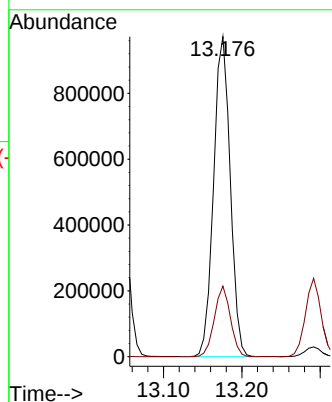
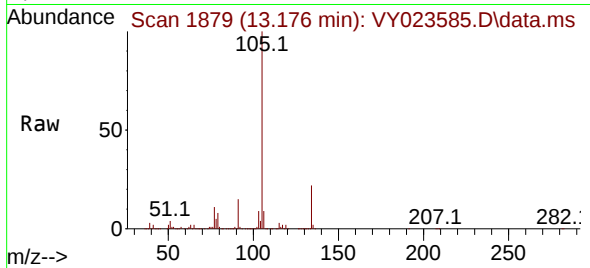




#85
 sec-Butylbenzene
 Concen: 60.770 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.006 min
 Lab File: VY023585.D
 Acq: 27 Oct 2025 09:12

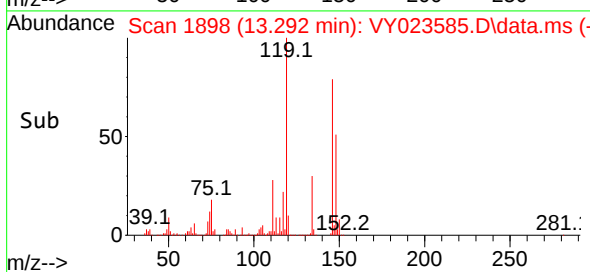
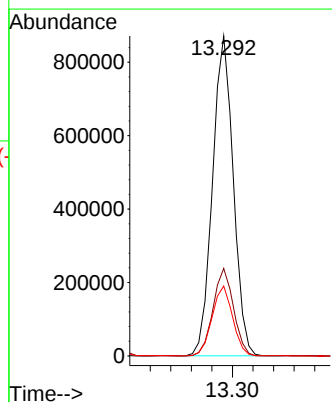
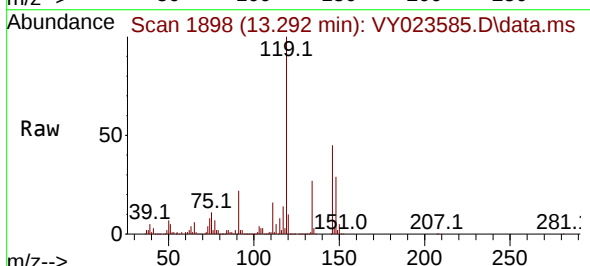
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

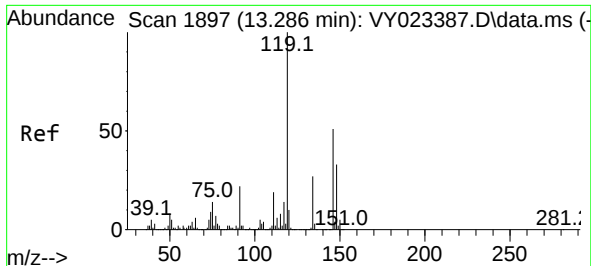
Tgt Ion:105 Resp: 1431373
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 60.896 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY023585.D
 Acq: 27 Oct 2025 09:12

Tgt Ion:119 Resp: 1221223
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 57.479 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

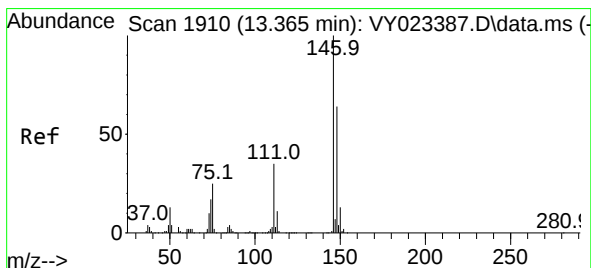
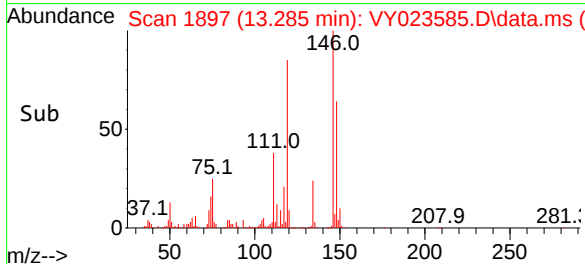
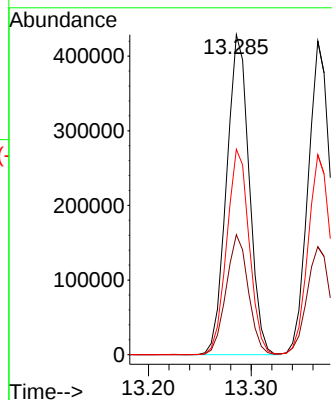
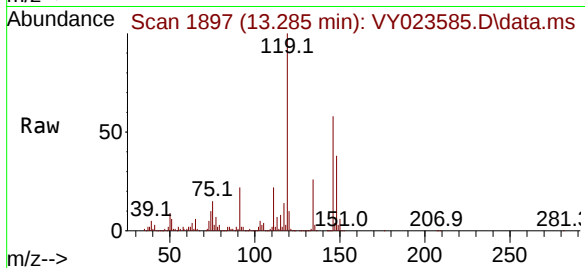
Tgt Ion:146 Resp: 654869

Ion Ratio Lower Upper

146 100

111 36.8 18.7 56.1

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 56.336 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

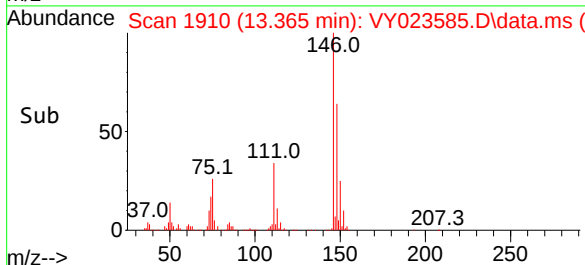
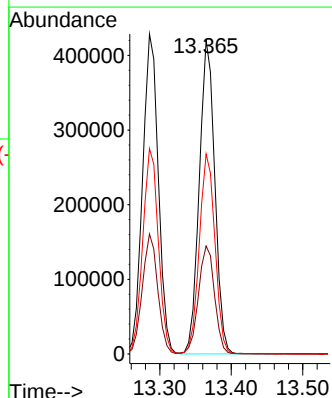
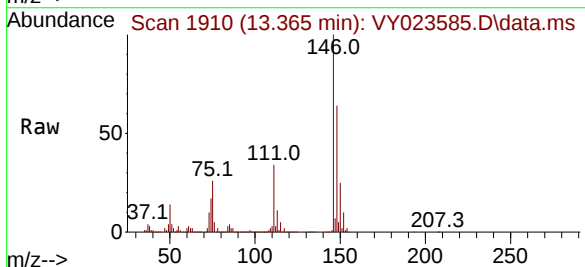
Tgt Ion:146 Resp: 633908

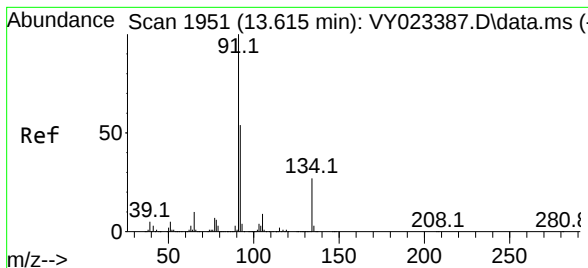
Ion Ratio Lower Upper

146 100

111 35.5 18.0 54.0

148 64.3 31.9 95.7





#89

n-Butylbenzene

Concen: 61.019 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

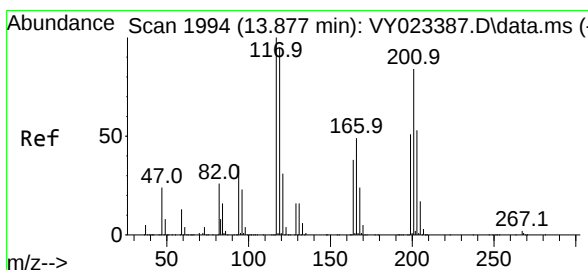
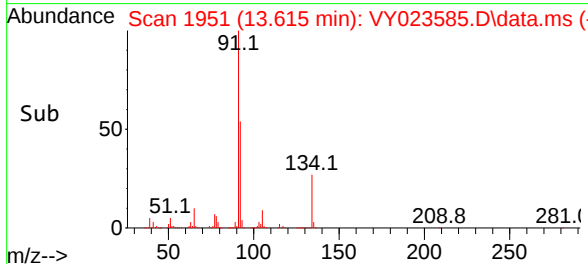
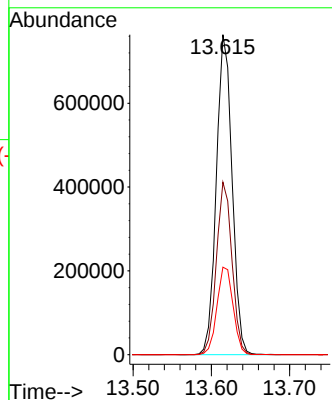
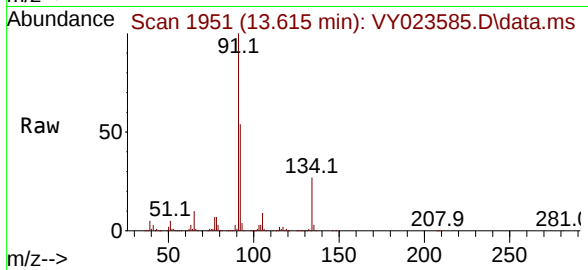
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1066244

Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.0	80.8
134	28.1	14.1	42.2



#90

Hexachloroethane

Concen: 57.321 ug/l

RT: 13.877 min Scan# 1994

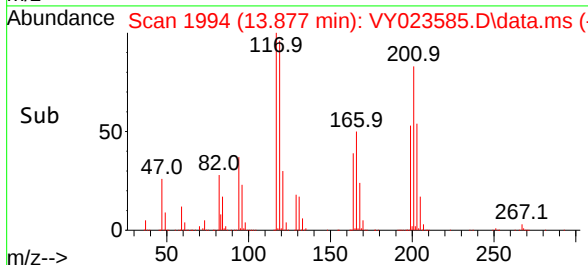
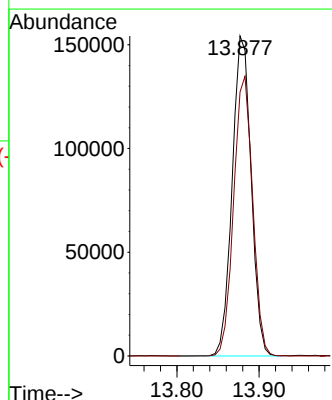
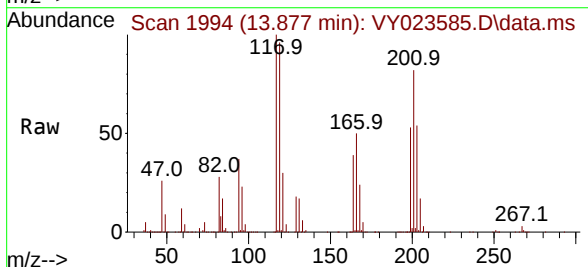
Delta R.T. -0.000 min

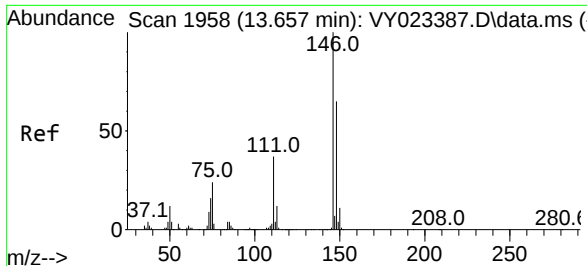
Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Tgt Ion: 117 Resp: 247243

Ion	Ratio	Lower	Upper
117	100		
201	87.6	43.8	131.4

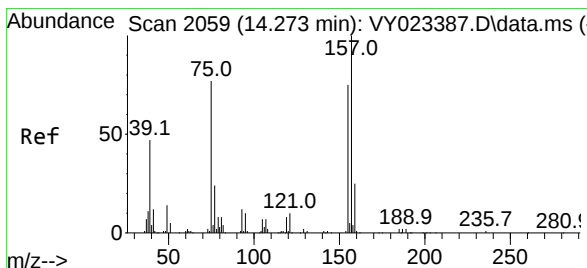
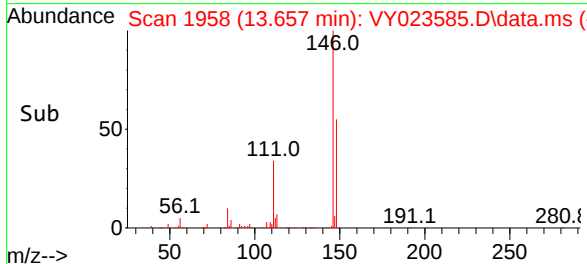
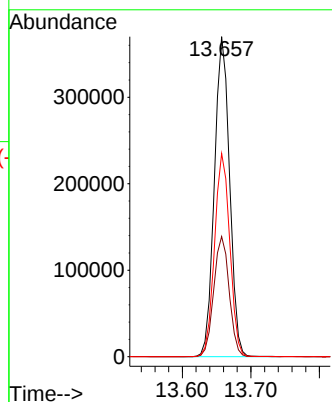
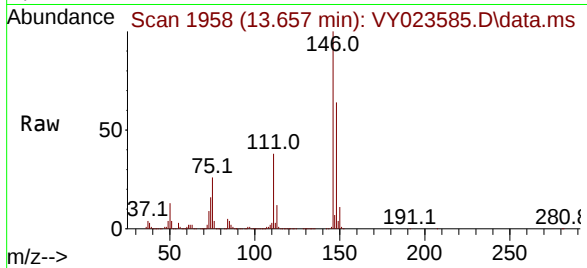




#91
1,2-Dichlorobenzene
Concen: 57.184 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

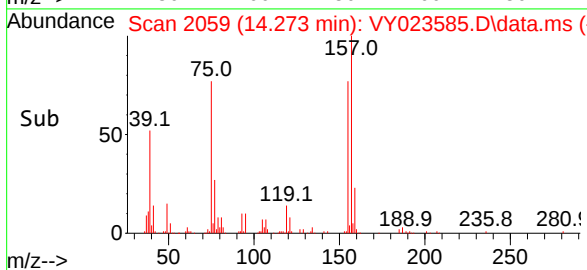
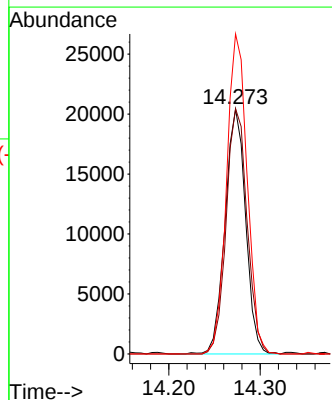
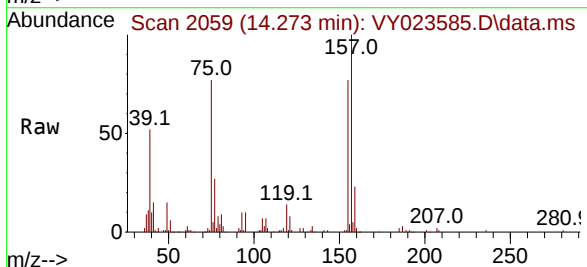
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

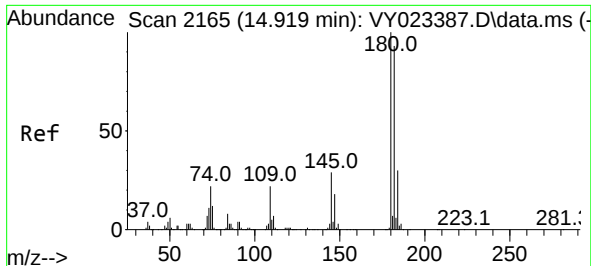
Tgt Ion:146 Resp: 571194
Ion Ratio Lower Upper
146 100
111 38.1 19.0 57.0
148 63.7 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.033 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY023585.D
Acq: 27 Oct 2025 09:12

Tgt Ion: 75 Resp: 31912
Ion Ratio Lower Upper
75 100
155 102.1 50.0 150.0
157 130.5 63.8 191.5



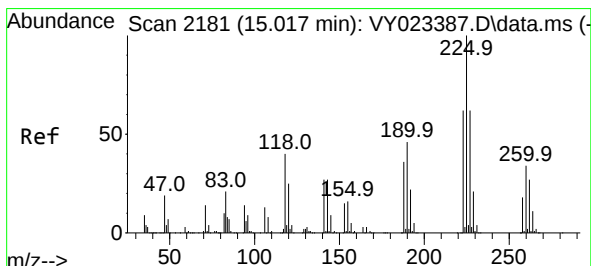
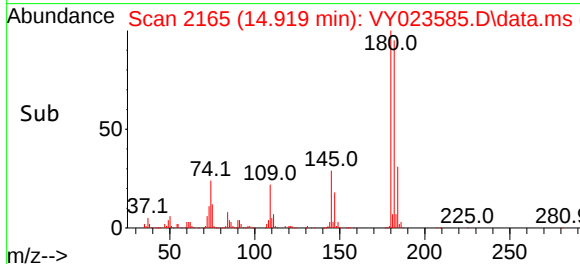
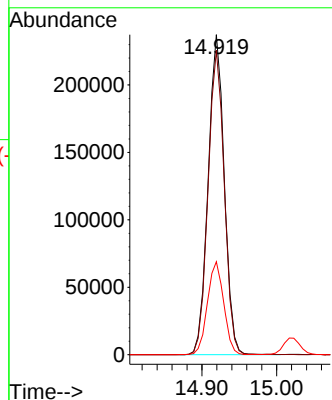
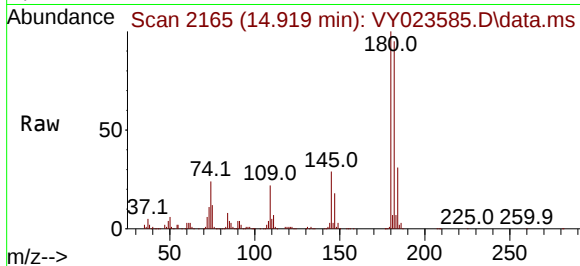


#93
 1,2,4-Trichlorobenzene
 Concen: 57.281 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY023585.D
 Acq: 27 Oct 2025 09:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 356700

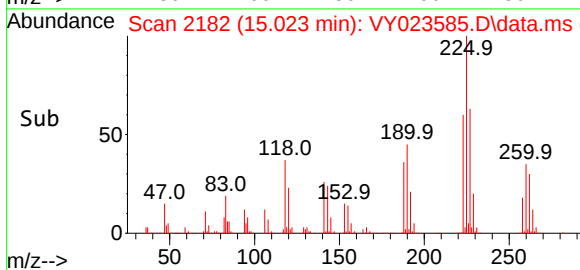
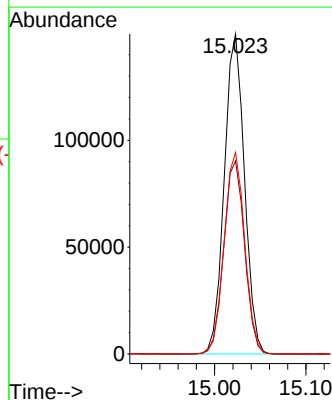
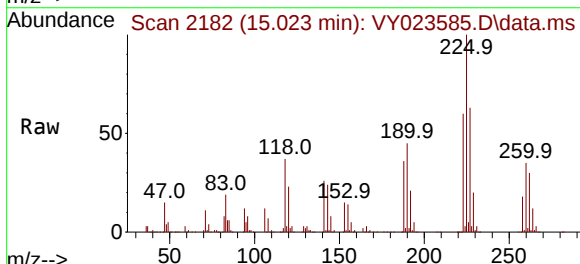
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.6
145	29.3	14.7	44.1



#94
 Hexachlorobutadiene
 Concen: 59.292 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.006 min
 Lab File: VY023585.D
 Acq: 27 Oct 2025 09:12

Tgt Ion:225 Resp: 230157

Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.8	92.3
227	64.2	31.9	95.7





#95

Naphthalene

Concen: 57.146 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

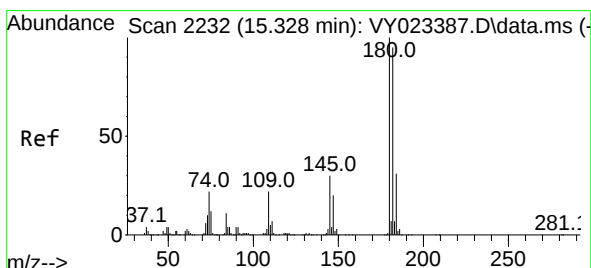
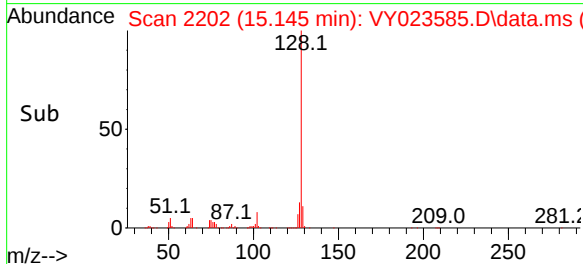
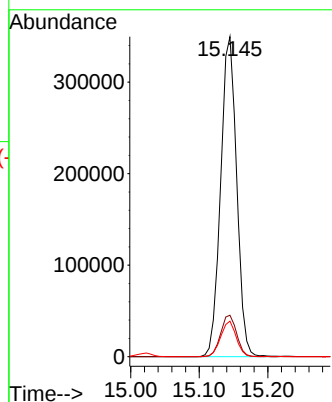
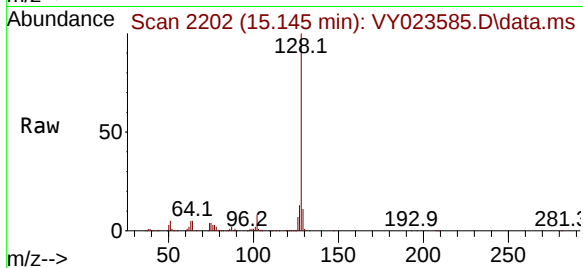
Tgt Ion:128 Resp: 566665

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 57.384 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY023585.D

Acq: 27 Oct 2025 09:12

Tgt Ion:180 Resp: 309519

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 30.1 15.3 45.9

